For Research Use Only. Not for use in diagnostic procedures.



Anti-Calmodulin Binding Protein-tag pAb

CODE No. PM071

CLONALITY Polyclonal

ISOTYPE Rabbit Ig, affinity purified

QUANTITY $100 \mu L$

SOURCE Purified Ig from rabbit serum

IMMUNOGEN KLH conjugated synthetic peptide, KRRWKKNFIAVSAANRFKKISSSGAL (CBP-tag)

FORMURATION PBS containing 50% Glycerol (pH 7.2). No preservative is contained.

STORAGE This antibody solution is stable for one year from the date of purchase when stored at -20°C.

APPLICATIONS-CONFIRMED

Western blotting 1:1,000 for chemiluminescence detection system

<u>Immunoprecipitation</u> 2-5 μL/sample

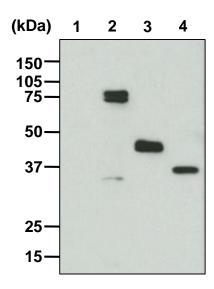
For more information, please visit our web site http://ruo.mbl.co.jp/



DEI ATEI	D PRODUCTS	M165-8	Anti-RFP-agarose (3G5)
	DIRODUCIS	M167-3	Anti-V5-tag (1H6)
Antibodies		PM003	Anti-V5-tag (polyclonal)
PM071	Anti-Calmodulin Binding Protein-tag (polyclonal)	PM003-7	Anti-V5-tag-HRP-DirecT (polyclonal)
PM070	Anti-E-tag (polyclonal)	PM003-8	Anti-V5-tag-Agarose (polyclonal)
M192-3	Anti-Myc-tag (My3) (200 μL)		The second of the second
M192-3S	Anti-Myc-tag (My3) (50 μL)	Smart-IP se	eries
M047-3	Anti-Myc-tag (PL14)	3190	Magnetic Rack
M047-6	Anti-Myc-tag-Biotin (PL14)	M198-9	Anti-E-tag-Magnetic beads (21D11)
M047-7	Anti-Myc-tag-HRP-DirecT (PL14)	M185-9	Anti-DDDDK-tag-Magnetic beads (FLA-1)
M047-8	Anti-Myc-tag-Agarose (PL14)	D291-9	Anti-His-tag-Magnetic beads (OGHis)
M047-A48	Anti-Myc-tag-Alexa Fluor® 488 (PL14)	D153-9	Anti-GFP-Magnetic beads (RQ2)
M047-A59	Anti-Myc-tag-Alexa Fluor® 594 (PL14)	M165-9	Anti-RFP-Magnetic beads (3G5)
M047-A64	Anti-Myc-tag-Alexa Fluor® 647 (PL14)	M132-9	Anti-HA-tag-Magnetic beads (5D8)
562	Anti-Myc-tag (polyclonal) (0.1 mL)	M180-9	Anti-HA-tag-Magnetic beads (TANA2)
562-5	Anti-Myc-tag (polyclonal) (0.5 mL)	M047-9	Anti-Myc-tag-Magnetic beads (PL14)
M180-3	Anti-HA-tag (TANA2) (200 µL)	M167-9	Anti-V5-tag-Magnetic beads (1H6)
M180-3S	Anti-HA-tag (TANA2) (50 μL)	D058-9	Anti-Multi Ubiquitin-Magnetic beads (FK2)
M180-7	Anti-HA-tag-HRP-DirecT (TANA2)	M075-9	Mouse IgG1 (isotype control)-Magnetic beads
	Anti-HA-tag-Alexa Fluor® 488 (TANA2)	M076-9	Mouse IgG2a (isotype control)-Magnetic beads
M180-A59	Anti-HA-tag-Alexa Fluor® 594 (TANA2)	M077-9	Mouse IgG2b (isotype control)-Magnetic beads
M180-A64	Anti-HA-tag-Alexa Fluor® 647 (TANA2)	M081-9	Rat IgG2a (isotype control)-Magnetic beads
561	Anti-HA-tag (polyclonal) (0.1 mL)	M198-10	Anti-E-tag-Magnetic Agarose (21D11)
561-5	Anti-HA-tag (polyclonal) (0.5 mL)	M185-10	Anti-DDDDK-tag-Magnetic Agarose (FLA-1)
561-7	Anti-HA-tag-HRP-DirecT (polyclonal)	D291-10	Anti-His-tag-Magnetic Agarose (OGHis)
561-8	Anti-HA-tag-Agarose (polyclonal)	D153-10	Anti-GFP-Magnetic Agarose (RQ2)
M132-3	Anti-HA-tag (5D8)	M165-10	Anti-RFP-Magnetic Agarose (3G5)
M185-3L	Anti-DDDDK-tag (FLA-1) (1 mL)	M132-10	Anti-HA-tag-Magnetic Agarose (5D8)
M185-3LL	Anti-DDDDK-tag (FLA-1) (5 mL)	M180-10	Anti-HA-tag-Magnetic Agarose (TANA2)
M185-3S	Anti-DDDDK-tag (FLA-1) (50 µL)	M047-10	Anti-Myc-tag-Magnetic Agarose (PL14)
M185-A48	Anti-DDDDK-tag-Alexa Fluor® 488 (FLA-1)	M167-10	Anti-V5-tag-Magnetic Agarose (1H6)
	A DDDDIZ 4 A1 E1 B 504 (E1 A 1)		
	Anti-DDDDK-tag-Alexa Fluor® 594 (FLA-1)		
M185-A64	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1)	Protein Pur	rification Kit
M185-A64 PM020	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal)	3305	c-Myc-tagged Protein MILD PURIFICATION KIT
M185-A64 PM020 PM020-7	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal)		c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION
M185-A64 PM020 PM020-7 PM020-8	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal)	3305 3306	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL)	3305	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL)	3305 3306 3307	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis)	3305 3306 3307 3300-205	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis)	3305 3306 3307 3300-205 3310	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 μL) Anti-His-tag (OGHis) (50 μL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis)	3305 3306 3307 3300-205 3310 3310-205	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis)	3305 3306 3307 3300-205 3310	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tagged Protein PURIFICATION GEL (1 library many content of the second sec
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis)	3305 3306 3307 3300-205 3310 3310-205 3311	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis)	3305 3306 3307 3300-205 3310 3310-205	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4)	3305 3306 3307 3300-205 3310 3310-205 3311 3312	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag-Agarose (polyclonal) Anti-His-tag-Agarose (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag-Agarose (polyclonal) Anti-His-tag-Agarose (polyclonal) Anti-GFP (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-GFP (polyclonal) Anti-GFP-HRP-DirecT (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-His-tag-Agarose (polyclonal) Anti-GFP (polyclonal) Anti-GFP-HRP-DirecT (polyclonal) Anti-GFP (1E4)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-3	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-GFP (polyclonal) Anti-GFP (polyclonal) Anti-GFP (1E4) Anti-GFP (RQ2)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-8 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032-8 598 598-7 M048-3 D153-A48	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-His-tag-Agarose (polyclonal) Anti-GFP (polyclonal) Anti-GFP (1E4) Anti-GFP (RQ2) Anti-GFP-Alexa Fluor® 488 (RQ2)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326 3327	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-A48 D153-A59	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-His-tag-Agarose (polyclonal) Anti-GFP (polyclonal) Anti-GFP (polyclonal) Anti-GFP-Alexa Fluor® 488 (RQ2) Anti-GFP-Alexa Fluor® 594 (RQ2)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-A48 D153-A59 D153-A64	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-His-tag-Agarose (polyclonal) Anti-GFP (polyclonal) Anti-GFP-HRP-DirecT (polyclonal) Anti-GFP (1E4) Anti-GFP (RQ2) Anti-GFP-Alexa Fluor® 488 (RQ2) Anti-GFP-Alexa Fluor® 594 (RQ2) Anti-GFP-Alexa Fluor® 647 (RQ2)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326 3327 3328	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-A48 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-A48 D153-A59 D153-A64 D153-8	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-His-tag-Agarose (polyclonal) Anti-GFP (polyclonal) Anti-GFP (1E4) Anti-GFP (1E4) Anti-GFP (RQ2) Anti-GFP-Alexa Fluor® 488 (RQ2) Anti-GFP-Alexa Fluor® 594 (RQ2) Anti-GFP-Agarose (RQ2)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326 3327	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-A48 D291-A59 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-A48 D153-A59 D153-A64 D153-8 PM005	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-GFP (polyclonal) Anti-GFP (polyclonal) Anti-GFP-Alexa Fluor® 488 (RQ2) Anti-GFP-Alexa Fluor® 594 (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-RFP (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326 3327 3328	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-A8 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-A59 D153-A48 D153-A59 D153-A64 D153-8 PM005 PM005-7	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-GFP (polyclonal) Anti-GFP (polyclonal) Anti-GFP (RQ2) Anti-GFP-Alexa Fluor® 488 (RQ2) Anti-GFP-Alexa Fluor® 594 (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-RFP-HRP-DirecT (polyclonal) Anti-RFP-HRP-DirecT (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326 3327 3328 3329	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel)
M185-A64 PM020 PM020-7 PM020-8 D291-3 D291-3S D291-6 D291-7 D291-A48 D291-A59 D291-A59 D291-A64 M089-3 M136-3 PM032 PM032-8 598 598-7 M048-3 D153-A48 D153-A59 D153-A64 D153-8 PM005	Anti-DDDDK-tag-Alexa Fluor® 647 (FLA-1) Anti-DDDDK-tag (polyclonal) Anti-DDDDK-tag-HRP-DirecT (polyclonal) Anti-DDDDK-tag-Agarose (polyclonal) Anti-His-tag (OGHis) (200 µL) Anti-His-tag (OGHis) (50 µL) Anti-His-tag-Biotin (OGHis) Anti-His-tag-HRP-DirecT (OGHis) Anti-His-tag-Agarose (OGHis) Anti-His-tag-Alexa Fluor® 488 (OGHis) Anti-His-tag-Alexa Fluor® 594 (OGHis) Anti-His-tag-Alexa Fluor® 647 (OGHis) Anti-His-tag (6C4) Anti-His-tag (2D8) Anti-His-tag (polyclonal) Anti-GFP (polyclonal) Anti-GFP (polyclonal) Anti-GFP-Alexa Fluor® 488 (RQ2) Anti-GFP-Alexa Fluor® 594 (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-GFP-Agarose (RQ2) Anti-RFP (polyclonal)	3305 3306 3307 3300-205 3310 3310-205 3311 3312 3315 3320 3325 3325-205 3326 3327 3328 3329 Other relati	c-Myc-tagged Protein MILD PURIFICATION KIT c-Myc-tagged Protein MILD PURIFICATION GEL (1 mL gel, 1 mg peptide) c-Myc-tagged Protein MILD PURIFICATION GEL (5 mL gel, 5 mg peptide) c-Myc tag peptide (5 mg) His-tagged Protein PURIFICATION KIT His-tag peptide (10mg) His-tagged Protein PURIFICATION GEL (1 mL gel, 10 mg peptide) His-tagged Protein PURIFICATION GEL (5 mL gel, 50 mg peptide) V5-tagged Protein PURIFICATION KIT HA-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION KIT DDDDK-tagged Protein PURIFICATION GEL (1 mL gel, 5 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel, 25 mg peptide) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel) DDDDK-tagged Protein PURIFICATION GEL (5 mL gel)

SDS-PAGE & Western blotting

- 1) Wash 1 x 10⁷ cells 3 times with PBS and suspends them in 1 mL of Laemmli's sample buffer, then sonicate briefly (up to 20 sec.).
- 2) Boil the samples for 3 min. and centrifuge. Load 10 μ L of the sample per lane in a 1-mm-thick SDS-polyacrylamide gel (12.5% acrylamide) for electrophoresis.
- 3) Blot the protein to a polyvinylidene difluoride (PVDF) membrane at 1 mA/cm² for 1 hr. in a semi-dry transfer system (Transfer Buffer: 25 mM Tris, 190 mM glycine, 20% MeOH). See the manufacturer's manual for precise transfer procedure.
- 4) To reduce nonspecific binding, soak the membrane in 10% skimmed milk (in PBS, pH 7.2) for overnight at 4°C.
- 5) Wash the membrane with PBS-T (0.05% Tween-20 in PBS) [5 min. x 3 times].
- 6) Incubate the membrane with primary antibody diluted with 1% skimmed milk (in PBS, pH 7.2) as suggested in the **APPLICATIONS** for 1 hr. at room temperature. (The concentration of antibody will depend on the conditions.)
- 7) Wash the membrane with PBS-T (5 min. x 3 times).
- 8) Incubate the membrane with the 1:10,000 of anti-IgG (Rabbit)-HRP (MBL; code no. 458) diluted with 1% skimmed milk (in PBS, pH 7.2) for 1 hr. at room temperature.
- 9) Wash the membrane with PBS-T (5 min. x 3 times).
- 10) Wipe excess buffer on the membrane, and then incubate it with appropriate chemiluminescence reagent for 1 min. Remove extra reagent from the membrane by dabbing with paper towel, and seal it in plastic wrap.
- 11) Expose to an X-ray film in a dark room for 1 min. Develop the film as usual. The condition for exposure and development may vary.



Western blot analysis of Calmodulin Binding Protein (CBP)-tagged protein

Lane 1: Parental cell (293T)

Lane 2: N-terminal CBP-tagged protein X/293T

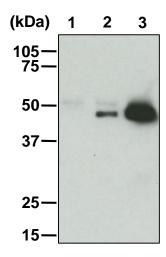
Lane 3: C-terminal CBP-tagged protein Y/293T

Lane 4: C-terminal CBP-tagged protein Z/293T

Immunoblotted with Anti-Calmodulin Binding Protein-tag pAb (PM071)

Immunoprecipitation

- 1) Wash 5 x 10⁶ cells 2 times with PBS and resuspend them with 1 mL of ice-cold Extraction buffer (50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.05% NP-40) containing appropriate protease inhibitors, then sonicate briefly (up to 20 sec.).
- 2) Incubate it on ice for 5min.
- 3) Centrifuge the tube at 12,000 x g for 10 min. at 4°C and transfer the supernatant to another tube.
- 4) Mix 20 μL of 50% protein A agarose beads slurry resuspended in 300 μL of IP buffer (10 mM Tris-HCl (pH 8.0), 500 mM NaCl, 0.1% NP-40) with primary antibody as suggested in the **APPLICATIONS**. Incubate with gentle agitation for 1 hr. at room temperature.
- 5) Wash the beads 3 times with 1 mL of IP buffer.
- 6) Add 400 μL of cell lysate, then incubate with gentle agitation for 1 hr. at room temperature.
- 7) Wash the beads 5 times with 1 mL of Extraction buffer.
- 8) Resuspend the beads in 20 µL of Laemmli's sample buffer, boil for 3 min. and centrifuge.
- 9) Load 10 µL of the sample per lane in a 1-mm-thick SDS-polyacrylamide gel (12.5% acrylamide) for electrophoresis.
- 10) Blot the protein to a polyvinylidene difluoride (PVDF) membrane at 1 mA/cm² for 1 hr. in a semi-dry transfer system (Transfer Buffer: 25 mM Tris, 190 mM glycine, 20% MeOH). See the manufacturer's manual for precise transfer procedure.
- 11) To reduce nonspecific binding, soak the membrane in 10% skimmed milk (in PBS, pH 7.2) for overnight at 4°C.
- 12) Wash the membrane with PBS-T (0.05% Tween-20 in PBS) [5 min. x 3 times].
- 13) Incubate the membrane with 1:1,000 of anti-Calmodulin Binding Protein-tag pAb (MBL; code no. PM071) diluted with 1% skimmed milk (in PBS, pH 7.2) for 1 hr. at room temperature. (The concentration of antibody will depend on the conditions.)
- 14) Wash the membrane with PBS-T (5 min. x 3 times).
- 15) Incubate the membrane with the 1:1,000 of Rabbit TrueBlot[®] anti-Rabbit IgG-HRP (eBioscience; code no. 18-8816-33) diluted with 1% skimmed milk (in PBS, pH 7.2) for 1 hr. at room temperature.
- 16) Wash the membrane with PBS-T (5 min. x 3 times).
- 17) Wipe excess buffer on the membrane, and then incubate it with appropriate chemiluminescence reagent for 1 min.
- 18) Remove extra reagent from the membrane by dabbing with paper towel, and seal it in plastic wrap.
- 19) Expose to an X-ray film in a dark room for 1 min. Develop the film as usual. The condition for exposure and development may vary.



Immunoprecipitation of Calmodulin Binding Protein (CBP)-tagged protein

Sample: C-terminal CBP-tagged protein Y/293T

Lane 1: Normal rabbit IgG (PM035)

Lane 2: Anti-Calmodulin Binding Protein-tag pAb (PM071, 2 μ L/sample)

Lane 3: Anti-Calmodulin Binding Protein-tag pAb (PM071, 5 μL/sample)

Immunoblotted with PM071