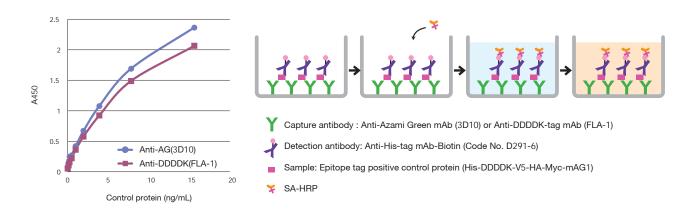


# Biotin-labeled Anti-Tag antibody



# Biotin-labeled Anti-Tag antibodies are useful for swELISA!

- Biotin-labeled tag antibodies can be used to quantify the amount of tagged protein in cell lysate samples.
- Sensitized methods, in which biotin-avidin complexes are formed, amplify signal and allow highly sensitive detection than direct methods.



Code	Product	Clone	Isotype	Applications	Size
D153-6	Anti-GFP mAb-Biotin	RQ2	Rat IgG2ak	ELISA	50 μL
D291-6	Anti-His-tag mAb-Biotin	OGHis	Mouse IgG2aк	ELISA	50 μg/50 μL
M180-6	Anti-HA-tag mAb-Biotin	TANA2	Mouse IgG2bк	ELISA	50 μL
M192-6	Anti-Myc-tag mAb-Biotin	МуЗ	Mouse IgG2bκ	ELISA	50 μL
M047-6	Anti-Myc-tag mAb-Biotin	PL14	Mouse IgG1κ	WB, IC	100 μL

WB: Western Blotting IC: Immunocytochemistry

## Example test using a combination of solid state and detection antibodies for swELISA

			Detection antibodies				
		Code	D153-6	D291-6	M180-6	M192-6	
Capture antibodies	Code	Product	Anti-GFP mAb-Biotin	Anti-His-tag mAb-Biotin	Anti-HA-tag mAb-Biotin	Anti-Myc-tag mAb-Biotin	
	D291-3	Anti-His-tag mAb	$\circ$		0	$\circ$	
	M185-3	Anti-DDDDK mAb		0	0	0	
	598	Anti-GFP pAb	0				
	M180-3	Anti-HA-tag				0	
	M103-3M	Anti-Azami Green mAb		0			

This is an example of the usable antibody combinations investigated by our company. For more details, please refer to the data sheet for each biotin-labeled antibody.

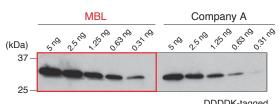




**Anti-DDDDK-tag** mAb (clone: FLA-1) MBL Code: M185-3L

■ Western blotting





DDDDK-tagged GFP protein

Lane 1: Met N-terminal

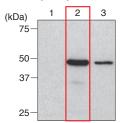
Lane 2: Met N-terminal

Lane 3: Met N-terminal

Lane 4: N-terminal Lane 5: N-terminal

Lane 6: C-terminal

#### Immunoprecipitation



(IP antibody)

Lane 1: Isotype control

Lane 2: Anti-DDDDK-tag mAb (clone: FLA-1)

Lane 3: Company A

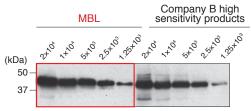
#### mAb (clone: TANA2) **Anti-HA-tag**

MBL Code: M180-3

## ■ Western blotting (kDa) 4 50 37 25 20

# Detect N-terminal, C-terminal and internal HA-tags

High sensitivity



HA-tagged protein /293T cells (cells/lane)

#### mAb (clone: My3) Anti-Myc-tag

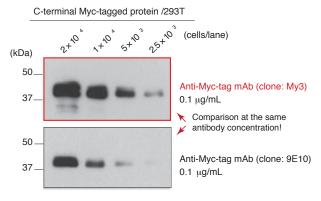
MBL Code: M192-3

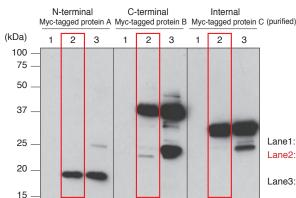
#### Western blotting

### High sensitivity

## ■ Immunoprecipitation

## High specificity





Lane1: Mouse IgG2b Isotype Lane2: Anti-Myc-tag mAb

(clone: Mv3) Lane3: Anti-Myc-tag mAb (clone: 9E10)

#### **Anti-His-tag** mAb (clone: OGHis)

Internal

MBL Code: D291-3

Optimal for cell staining

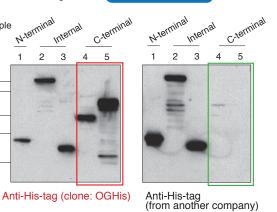
High S/N ratio

#### ■ Western blotting

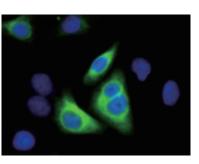
Sample

25

#### High reactivity



## Immunocytochemistry



Cell: His tagged calnexin (ER marker) transfected HeLa Green: Anti-His-tag Blue: DAPI

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