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

Anti-Reelin (Mouse) mAb

CODE No. D351-3

CLONALITY Monoclonal
CLONE 2F3
ISOTYPE Mouse IgG1 κ
QUANTITY 100 µL, 1 mg/mL

SOURCE Purified IgG from hybridoma supernatant
IMMUNOGEN KLH conjugated synthetic peptide, YEKPAFDYC (corresponding to amino acid residues 1241-1248 of mouse Reelin).
REACTIVITY This antibody does not react with proteolytic fragment of mouse Reelin. Please see the reference 1) for more details.
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.

APPLICATION-CONFIRMED
Western blotting 1 µg/mL for chemiluminescence detection system

APPLICATION-REPORTED
Immunohistochemistry Reference 1)

SPECIES CROSS REACTIVITY on WB

Species	Human	Mouse	Rat	Hamster
Sample	Not tested	Culture sup of transfectant	Not tested	Not tested
Reactivity		+		

Entrez Gene ID 19699 (Mouse)

REFERENCE
1) Koie, M., *et al.*, *J. Biol. Chem.* **289**, 12922-12930 (2014) [WB, IHC-fr]

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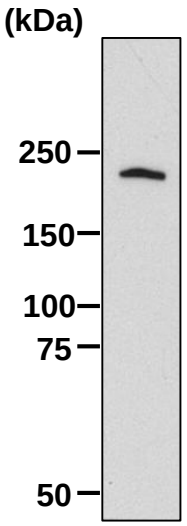
RELATED PRODUCTS

D351-3	Anti-Reelin (Mouse) mAb (2F3)
D223-3	Anti-Reelin (CR-50) mAb (RE-3B9(R3B9))
D354-3	Anti-Dab1 (Mouse) mAb (4H11)
D355-3	Anti-Dab1 (Mouse) mAb (4E12)
M067-3	Anti-Apolipoprotein E4 (Human) mAb (1F9)
M068-3	Anti-Apolipoprotein E (Human) mAb (3D12)
D273-3	Anti-ApoER2 (LA8) (Mouse) mAb (25G5)
7635	ApoE4/Pan-ApoE ELISA Kit
D352-3	Anti-Kiaa0319 (Mouse) mAb (56F3)
D353-3	Anti-Kiaa0319 (Mouse) mAb (62A3)
M075-3	Mouse IgG1 (isotype control) (2E12)

SDS-PAGE & Western blotting

1) Boil the sample for 2 min. and centrifuge. Load 20 μL of the sample per lane in a 1-mm-thick SDS-polyacrylamide gel (7.5% acrylamide) for electrophoresis.
2) Blot the protein to a polyvinylidene difluoride (PVDF) membrane at 1 mA/cm^2 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.
3) To reduce nonspecific binding, soak the membrane in 10% skimmed milk (in PBS, pH 7.2) overnight at 4°C.
4) Wash the membrane with PBS-T [0.05% Tween-20 in PBS] (5 min. x 3 times).
5) Incubate the membrane with primary antibody diluted with 1% skimmed milk (in PBS, pH 7.2) as suggested in the **APPLICATION** for 1 hr. at room temperature. (The concentration of antibody will depend on the conditions.)
6) Wash the membrane with PBS-T (5 min. x 3 times)
7) Incubate the membrane with the 1:10,000 of Anti-IgG (Mouse) pAb-HRP (MBL; code no. 330) diluted with 1% skimmed milk (in PBS, pH 7.2) for 1 hr. at room temperature.
8) Wash the membrane with PBS-T (5 min. x 3 times).
9) 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.
10) Expose to an X-ray film in a dark room for 5 min. Develop the film as usual. The condition for exposure and development may vary.

(Positive control for Western blotting; Culture sup of transfectant)



Western blot analysis of mouse Reelin

Sample: Culture sup of NR3/Myc-His transfectant

Immunoblotted with Anti-Reelin (Mouse) mAb (D351-3)

The sample was kindly provided by Dr. Mitsuharu Hattori.
(Department of Biomedical Science, Graduate School of Pharmaceutical Sciences, Nagoya City University)