

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



## Anti-Kiaa0319 (Mouse) mAb

<b>CODE No.</b>	D352-3
<b>CLONALITY</b>	Monoclonal
<b>CLONE</b>	56F3
<b>ISOTYPE</b>	Rat IgG2a $\kappa$
<b>QUANTITY</b>	100 $\mu$ L, 1 mg/mL
<b>SOURCE</b>	Purified IgG from hybridoma supernatant
<b>IMMUNOGEN</b>	Mouse Kiaa0319 (recombinant)
<b>FORMURATION</b>	PBS containing 50% Glycerol (pH 7.2). No preservative is contained.
<b>STORAGE</b>	This antibody solution is stable for one year from the date of purchase when stored at -20°C.

### APPLICATION-CONFIRMED

Western blotting 1  $\mu$ g/mL for chemiluminescence detection system

### SPECIES CROSS REACTIVITY on WB

Species	Human	Mouse	Rat	Hamster
Sample	Not tested	Transfectant	Not tested	Not tested
Reactivity		+		

**Entrez Gene ID** 210108 (Mouse)

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



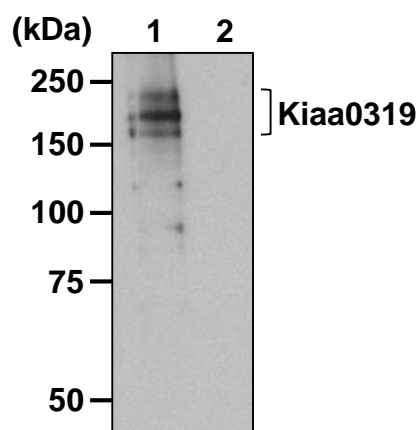
**RELATED PRODUCTS**

D352-3	Anti-Kiaa0319 (Mouse) mAb (56F3)
D353-3	Anti-Kiaa0319 (Mouse) mAb (62A3)
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
M081-3	Rat IgG2a (isotype control) (2H3)

### **SDS-PAGE & Western blotting**

- 1) Boil the sample for 2 min. and centrifuge. Load 3  $\mu$ L 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<sup>2</sup> 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 HRP-conjugated anti-rat IgG antibody 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 3 min. Develop the film as usual. The condition for exposure and development may vary.

(Positive control for Western blotting; Transfectant)



### ***Western blot analysis of mouse Kiaa0319***

Lane 1: Mouse Kiaa0319/HEK293T  
Lane 2: HEK293T

Immunoblotted with Anti-Kiaa0319 (Mouse) mAb (D352-3)

The sample was kindly provided by Dr. Mitsuharu Hattori.  
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Pharmaceutical Sciences, Nagoya City University)