

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



 **My select** sampler set

Anti-EEA1 mAb-Alexa Fluor[®] 594

CODE No. M176-A59MS
CLONALITY Monoclonal
CLONE 3C10
ISOTYPE Mouse IgG2a κ
QUANTITY 20 μ L, 1 mg/mL

SOURCE Purified IgG from hybridoma supernatant
IMMUNOGEN Human EEA1, N-terminal (synthetic peptide)
FORMURATION PBS containing 1% BSA and 0.09% NaN₃.

*Azide may react with copper or lead in plumbing system to form explosive metal azides. Therefore, always flush plenty of water when disposing materials containing azide into drain.

STORAGE This antibody solution is stable for one year from the date of purchase when stored at 4°C.

APPLICATIONS-CONFIRMED

Immunocytochemistry 10 μ g/mL

SPECIES CROSS REACTIVITY on WB

Species	Human	Mouse	Rat	Hamster
Cells	HeLa, A549	NIH/3T3, MEF	NRK	Not tested
Reactivity	+	+	+	

Entrez Gene ID 8411 (Human), 216238 (Mouse), 314764 (Rat)

REFERENCES
1) Gaullier, J. M., *et al.*, *J. Biol. Chem.* **275**, 24595-24600 (2000)
2) Mu, F. T., *et al.*, *J. Biol. Chem.* **270**, 13503-13511 (1995)

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RELATED PRODUCTS

M176-3 Anti-EEA1 mAb (3C10)
M176-A48 Anti-EEA1 mAb-Alexa Fluor[®] 488 (3C10)
M176-A59 Anti-EEA1 mAb-Alexa Fluor[®] 594 (3C10)
M176-A64 Anti-EEA1 mAb-Alexa Fluor[®] 647 (3C10)
PM062 Anti-EEA1 pAb
M175-3 Anti- α -Tubulin mAb (2F9)
M175-A48 Anti- α -Tubulin mAb-Alexa Fluor[®] 488 (2F9)
M175-A59 Anti- α -Tubulin mAb-Alexa Fluor[®] 594 (2F9)
M175-A64 Anti- α -Tubulin mAb-Alexa Fluor[®] 647 (2F9)
PM054 Anti- α -Tubulin pAb
PM054-7 Anti- α -Tubulin pAb-HRP-Direct
M178-3 Anti-Calnexin mAb (4F10)
M178-A48 Anti-Calnexin mAb-Alexa Fluor[®] 488 (4F10)
M178-A59 Anti-Calnexin mAb-Alexa Fluor[®] 594 (4F10)
M178-A64 Anti-Calnexin mAb-Alexa Fluor[®] 647 (4F10)
PM060 Anti-Calnexin pAb
M179-3 Anti-GM130 mAb (5G8)
M179-A48 Anti-GM130 mAb-Alexa Fluor[®] 488 (5G8)
M179-A59 Anti-GM130 mAb-Alexa Fluor[®] 594 (5G8)
M179-A64 Anti-GM130 mAb-Alexa Fluor[®] 647 (5G8)
PM061 Anti-GM130 pAb
M181-3 Anti-KDEL mAb (1D5)
PM059 Anti-KDEL pAb
PM063 Anti-COX4 pAb
PM064 Anti-Lamin B1 pAb

D115-3 Anti-CENP-A (Human) mAb (3-19)
PD030 Anti-CENP-C (Human) pAb
K0171-3 Anti-CENP-E (Human) mAb (1H12)
PD031 Anti-CENP-H (Human) pAb
PD032 Anti-CENP-I (hMis6) (Human) pAb
D282-3 Anti-CENP-K (ICEN37) (Human) mAb (46F1)
PD018 Anti-CENP-K (ICEN37) (Human) pAb
D283-3 Anti-CENP-L (ICEN33) (Human) mAb (27E10)
D284-3 Anti-CENP-M (ICEN39) (Human) mAb (23F6)
D285-3 Anti-CENP-N (ICEN32) (Human) mAb (22F4)
PD020 Anti-CENP-O (Chicken) pAb
D286-3 Anti-CENP-T (ICEN22) (Human) mAb (42F10)
PD019 Anti-CENP-50 (Human) pAb
D288-3 Anti-MgcRacGAP (Human) mAb (5G5)

PM036 Anti-LC3 pAb [WB, IP, IC, IHC, FCM]
M152-3 Anti-LC3 mAb (4E12) [WB, IP, IC, FCM, EM]
M186-3 Anti-LC3 mAb (8E10) [WB]
PD014 Anti-LC3 pAb [WB]
PD015 Anti-LC3 pAb [IC]
PM046 Anti-LC3 pAb [WB, IC]
M115-3 Anti-LC3 mAb (51-11) [WB]
PM040 Anti-Atg16L pAb
M150-3 Anti-Atg16L mAb (1F12)

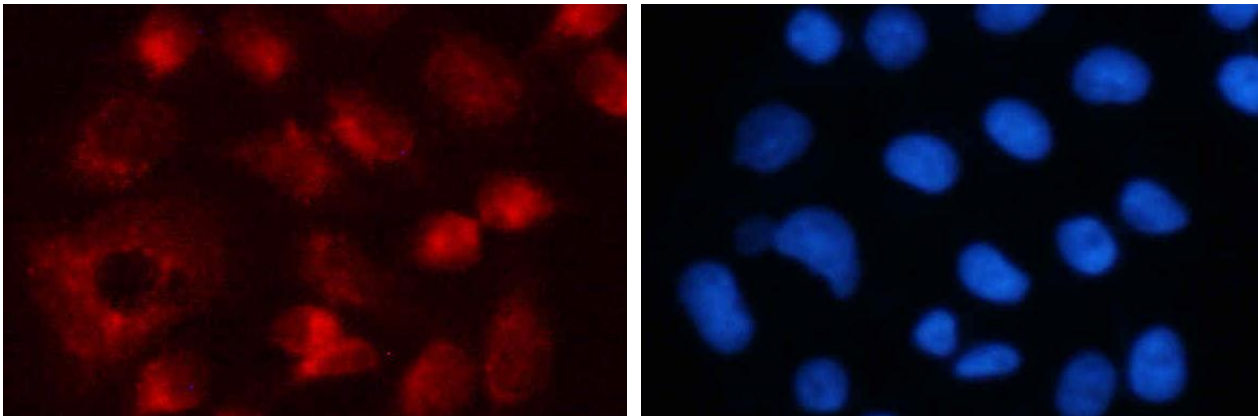
WB: Western blotting
IP: Immunoprecipitation
IC: Immunocytochemistry
IHC: Immunohistochemistry
FCM: Flow cytometry
EM: Immuno-electron microscopy

Other related antibodies and kits are also available.
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Immunocytochemistry

- 1) Spread the cells in the nutrient condition on a glass slide, then incubate in a CO₂ incubator for one night.
- 2) Remove the culture supernatant by careful aspiration.
- 3) Fix the cells by immersing the slide in 4% paraformaldehyde (PFA)/PBS for 10 minutes at room temperature (20~25°C).
- 4) Prepare a wash container such as a 500 mL beaker with a magnetic stirrer. Then wash the fixed cells on the glass slide by soaking the slide with a plenty of PBS in the wash container for 5 minutes. Take care not to touch the cells. Repeat another wash twice more.
- 5) Immerse the slide in 0.2% Triton X-100/PBS for 10 minutes at room temperature.
- 6) Wash the slide 2 times with PBS.
- 7) Add 200 µL of the primary antibody diluted with 2% fetal calf serum (FCS)/PBS as suggested in the **APPLICATIONS** onto the cells and incubate for 30 minutes at room temperature. (Optimization of antibody concentration or incubation condition is recommended if necessary.)
- 8) Wash the slide 2 times with PBS.
- 9) Counter stain with DAPI for 5 minutes at room temperature.
- 10) Wash the slide 2 times with PBS.
- 11) Wipe excess liquid from slide but take care not to touch the cells. Never leave the cells to dry.
- 12) Promptly add mounting medium onto the slide, then put a cover slip on it.

(Positive control for Immunocytochemistry; HeLa)



Immunocytochemical detection of EEA1 in HeLa

Red: M176-A59
Blue: DAPI