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

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# Anti-EEA1 mAb-Alexa Fluor® 488

**CODE No.** M176-A48

**CLONALITY** Monoclonal
**CLONE** 3C10
**ISOTYPE** Mouse IgG2a κ
**QUANTITY** 100 µL, 1 mg/mL

**SOURCE** Purified IgG from hybridoma supernatant
**IMMUNOGEN** Human EEA1, N-terminal (synthetic peptide)
**FORMULATION** PBS containing 1% BSA and 0.1% ProClin150.
**STORAGE** This antibody solution is stable for one year from the date of purchase when stored at 4°C.

**APPLICATION-CONFIRMED**
Immunocytochemistry 10 µg/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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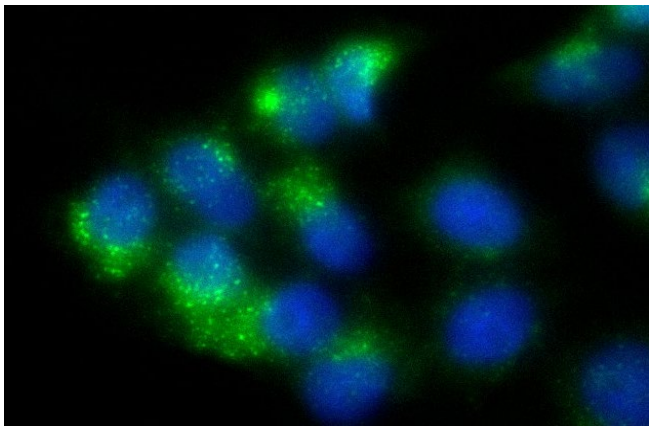
The descriptions of the following protocols are examples. Each user should determine the appropriate condition.

## Immunocytochemistry

1) Spread the cells in the nutrient condition on a glass slide, then incubate in a $CO_2$ 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 min. 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 min. 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 min. 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 min. 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 min. 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 Immunocytechemistry; HeLa)



***Immunocytochemical detection of EEA1 in HeLa***
Green: M176-A48
Blue: DAPI