

RAB18 monoclonal antibody

Catalog: MB67217

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

The small GTPases Rab are key regulators of intracellular membrane trafficking, from the formation of transport vesicles to their fusion with membranes. Rabs cycle between an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion. Required for the localization of ZFYVE1 to lipid droplets and for its function in mediating the formation of endoplasmic reticulum-lipid droplets (ER-LD) contacts. Also required for maintaining endoplasmic reticulum structure. Plays a role in apical endocytosis/recycling (By similarity). Plays a key role in eye and brain development and neurodegeneration.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 25 kDa

Swiss-Prot:

Q9NP72

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

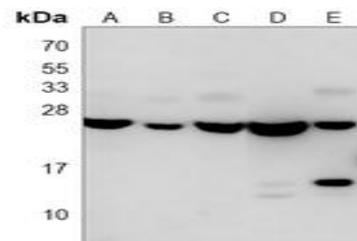
WB (1/500 - 1/1000), FC (1/10 - 1/50)

Storage&Stability:

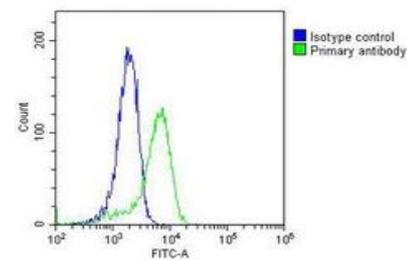
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of RAB18 protein.

DATA:

Western blot analysis of RAB18 expression in PC3 (A), mouse brain (B), rat brain (C), human brain (D), human testis (E) whole cell lysates.

**Note:**

For research use only, not for use in diagnostic procedure.

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