

RAB8A monoclonal antibody

Catalog: MB67039

Host: Mouse

Reactivity: Human, Mouse

BackGround:

The Rab8 GTPase is a member of the Ras superfamily that functions in protein transport and membrane restructuring. Studies show that Rab8 is localized to the trans Golgi network (TGN), basolateral membrane, and vesicular structures where it helps regulate target protein transport between TGN and the basolateral membrane. Overexpression studies and mutation analysis of Rab8 and its associated Rab8GEF indicate additional roles in actin and microtubule remodeling during polarized membrane transport and membrane protrusion formation. Rab8 associates with myosin Vb and is required for translocation of GLUT4 following insulin stimulation in muscle. Control of target protein vesicle transport by Rab8 also regulates MT1-MMP activity during extracellular matrix formation and JAB/MICAL-L2 at tight junction formation.

Product:

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

Molecular Weight:

~ 23 kDa

Swiss-Prot:

P61006

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

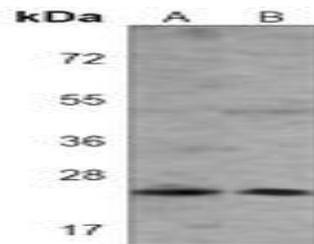
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of RAB8A protein.

DATA:



Western blot analysis of RAB8A expression in HeLa (A), HCT116 (B) whole cell lysates.

Note:

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

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