

RAB27 monoclonal antibody

Catalog: MB67010

Host: Mouse

Reactivity: Human

BackGround:

Rab27 is a member of the Ras superfamily of small Rab GTPases implicated in exocytosis. The protein is localized in secretory lysosomes, such as melanosomes in melanocyte or lytic granules in cytotoxic T cells to control exosome secretion pathway. Rab27 has two isoforms, Rab27a and Rab27b. Rab27a colocalizes with part of CD63 staining vesicles, and Rab27b shows perinuclear distribution. Target knock out studies indicate that the isoforms control different steps of the exosome secretion pathway. Rab27a interacts with a wide range of effectors and is involved in multiple steps of exocytosis depending on the effector it associated with and the cell type that is involved. Rab27a has been shown to be an important player in leukocyte function, cancer metastasis and invasion, and insulin secretion.

Product:

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

Molecular Weight:

~ 27 kDa

Swiss-Prot:

P51159

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.

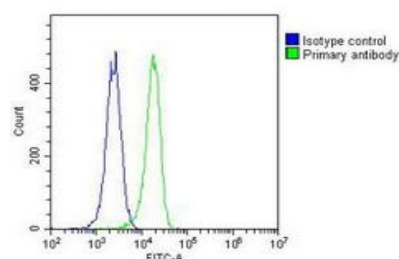
Specificity:

Recognizes endogenous levels of RAB27 protein.

DATA:



Western blot analysis of RAB27 expression in K562 (A) whole cell lysates.



Note:

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

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