

RAB4A monoclonal antibody

Catalog: MB0161

Host: Mouse

Reactivity: Human, Mouse, Monkey

BackGround:

The Ras-related superfamily of guanine nucleotide binding proteins, which includes the R-Ras, Rap, Ral/Rec and Rho/Rab superfamilies, exhibits 30-60% homology with Ras p21. Accumulating data suggests an important role for Rab proteins, either in endocytosis or in biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles, a process that appears to involve Rab protein function. The possibility that Rab proteins might also direct the exocytosis from secretory vesicles to the plasma membrane is supported by the observation that in yeast, the SEC4 protein, which is 40% homologous to Rab proteins, is associated with secretory vesicles. At least eight members of the Rab family have been identified, each of which is found at a particular stage of a membrane transport pathway.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

~ 25 kDa

Swiss-Prot:

P20338

Purification&Purity:

The antibody was affinity-purified from mouse ascites by

affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1/500-1/1000 IHC: 1/100-1/200 FC: 1/50-1/100

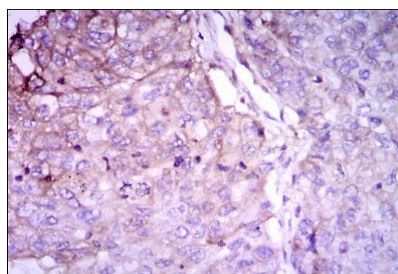
Storage&Stability:

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

Specificity:

RAB4A monoclonal antibody detects endogenous levels of RAB4A protein.

DATA:



Immunohistochemistry analysis of paraffin-embedded lung cancer tissues using Rab4 antibody with DAB staining.

Note:

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

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