

Active Rab4

Catalog Number: 26921

Gene Symbol: RAB4

Description: Anti-Active Rab4 Mouse Monoclonal Antibody

Background: Rab-4 belongs to the small GTPase Rab family. It interacts with RAB11FIP1, RABEP1, ZFYVE20, RUFY1, SGSM1, SGSM2 and SGSM3. It participates in protein transport and in vesicular traffic.

Immunogen: Recombinant full length protein of active Rab4A.

Tested applications: IP, IHC

Recommended dilutions:

IP: 1 µg for 1~2 mg total cellular proteins

IHC: 1:50~100

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

Storage buffer:

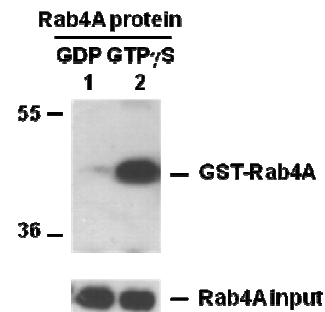
Preservative: no

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 50% glycerol

Species Reactivity: Anti-active Rab4 antibody recognizes active Rab4 from vertebrates.

Storage Conditions: Store at -20°C. Avoid freeze / thaw cycles

Immunoprecipitation and Western blot:



IP: anti-active Rab4A mAb

IB: anti-Rab4A pAb

Rab4A activation assay. Purified GST-tagged Rab4A proteins (Cat. #10130) were immunoprecipitated with the anti-active Rab4 monoclonal antibody (Cat. No. 26921) after treated with GDP (lane 1) or GTP γ S (lane 2), and was blotted with anti-Rab4A polyclonal antibody (Cat. No. 21067). Input control is shown in the bottom panel.

For research use only. Not for diagnostic or therapeutic applications.