

RAB4A-GTP

Anti-Rab4GTP Monoclonal Antibody

Cat. #: 26921

Size: 30 μ L

Gene Symbol: RAB4

Description: Anti-Rab4-GTP 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.

Applications: IP, IHC and IF (**Not applicable for WB since SDS denatures Rab4 GTPase**)

Recommended Dilutions:

IP: 1 μ g for 1~2 mg total cellular proteins

IHC, IF: 1:50-1:250

Concentration: 1 mg/ml

Host Species: Mouse

Format: Liquid

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

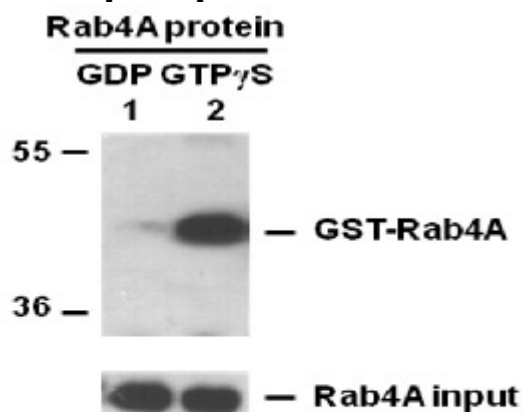
Preservative: No

Constituents: PBS (without Mg^{2+} and Ca^{2+}), pH 7.4, 150 mM NaCl, 50% glycerol

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

Storage Conditions: Store at $-20^{\circ}C$. Avoid repeated freezing and thawing

Immunoprecipitation/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-Rab4-GTP monoclonal antibody (Cat. No. 26921) after treated with GDP (lane 1) or GTP_γS (lane 2), and was blotted with anti-Rab4A polyclonal antibody (Cat. No. 21067). Input control is shown in the bottom panel.