

Active Rab7

Catalog Number: 26923

Gene Symbol: RAB7

Description: Anti-Active Rab7 Mouse Monoclonal Antibody

Background: Rab7 belongs to the Rab family of small GTPases. Rab7 is located in the late endosome, lysosome, cytoplasmic vesicle, phagosome and melanosome. It is involved in the late endocytic transport and contributes to the maturation of phagosomes.

Immunogen: Recombinant full length protein of active Rab7

Tested applications: IP, IHC, IF

Recommended dilutions:

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

1:100 dilution for IHC, IF

Concentration: 1 mg/ml

Host: mouse

Clonality: Monoclonal

Isotype: IgG

Purity: Purified from ascites

Format: Liquid

Storage buffer:

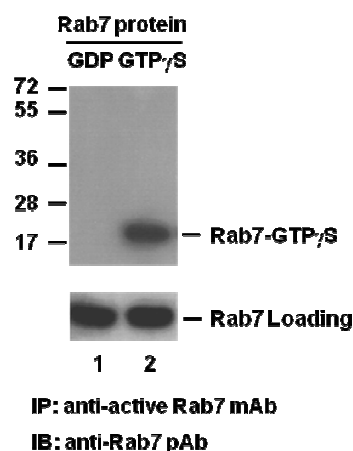
Preservative: no

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

Species Reactivity: Anti-active Rab7 antibody recognizes active Rab7 proteins of vertebrates.

Storage Conditions: Store at $-20^{\circ}C$. Avoid freeze / thaw cycles

Immunoprecipitation/Western blot:



Rab7 activation assay. Purified full-length Rab7 proteins were immunoprecipitated after treated with GDP (lane 1) or GTP γ S (lane 2). Immunoprecipitation was done with the anti-active Rab7 monoclonal antibody (Cat. No. 26923). Immunoblot was with an anti-Rab7 polyclonal antibody (Cat. No. 21069).