

## RAB35-GTP

### Anti-Rab35GTP Monoclonal Antibody

**Cat. #:** 26922

**Size:** 30  $\mu$ L

**Gene Symbol:** RAB35

**Description:** Anti-Rab35-GTP Monoclonal Antibody

**Background:** The Rab family of GTPases regulates eukaryotic vesicular membrane traffic. Rab35 is with both plasma membrane and endosomal localization, and has been implicated in diverse processes that include T-cell receptor recycling, oocyte yolk protein recycling and cytokinesis. Rab35 regulates neurite outgrowth in neuronal-like cells, and can induce protrusions.

**Immunogen:** Recombinant full length protein of active Rab35

**Applications:** IP, IHC and IF (**Not applicable for WB since SDS denatures Rab35 GTPase**)

**Recommended Dilutions:**

IP: 1  $\mu$ 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

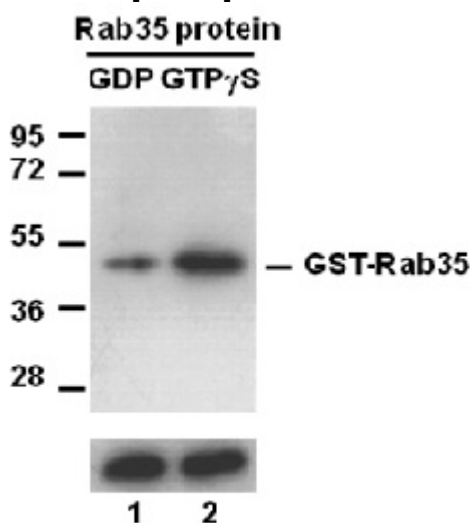
**Preservative:** No

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

**Species Reactivity:** Anti-Rab35-GTP monoclonal antibody recognizes active Rab35 proteins of vertebrates.

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

## Immunoprecipitation/Western blot:



IP: anti-active Rab35 mAb

IB: anti-Rab35 pAb

### Rab35 Activation Assay.

Purified full-length Rab35 proteins were immunoprecipitated after treated with GDP (lane 1) or GTP $\gamma$ S (lane 2). Immunoprecipitation was done with the anti-Rab35-GTP monoclonal antibody (Cat. No. 26922). Immunoblot was with an anti-Rab35 polyclonal antibody (Cat. No. 21078).