

## RHEB-GTP

### Anti-RhebGTP Monoclonal Antibody

**Cat. #:** 26910

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

**Gene Symbol:** RHEB

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

**Background:** Small GTPases are a super-family of cellular signaling regulators. Rheb is a member of the Ras-superfamily GTPases. Rheb has been shown to interact with C-Raf, Mammalian target of rapamycin (mTOR), TSC2, Ataxia telangiectasia mutated (ATM), KIAA1303 and Ataxia telangiectasia and Rad3 related (ATR).

**Immunogen:** Recombinant full-length protein of active Rheb.

**Applications:** IP, IHC, IF (Not applicable for WB since SDS denatures Rheb 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:** IgM

**Purity:** Purified from ascites

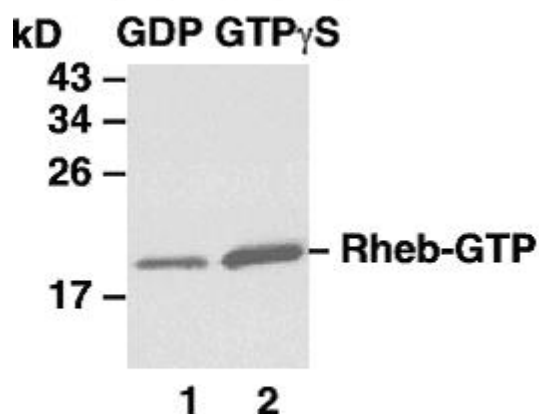
**Preservative:** No

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

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

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

## Immunoprecipitation/Western blot: Rheb protein



**IP: anti-active Rheb mAb**

**WB: anti-Rheb pAb**

**Rheb activation assay.**

Purified Rheb proteins were immunoprecipitated after treated with GDP (lane 1) or GTP $\gamma$ S (lane 2). Immunoprecipitation was done with the anti-Rheb-GTP monoclonal antibody (Cat. No. 26910). Immunoblot was with an anti-Rheb rabbit polyclonal antibody (Cat. No. 21098).