

## RAL-GTP

### Anti-RalGTP Mouse Monoclonal Antibody

**Cat. #:** 26913

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

**Gene Symbol:** Ral

**Description:** Anti-Ral-GTP Mouse Monoclonal Antibody

**Background:** The Ras-like small G proteins, RalA and RalB, are important components of Ras signaling pathways, implicated in the initiation and maintenance of tumorigenic transformation, as well as vesicle transport, apoptosis, transcription, cell migration, and cell proliferation.

**Immunogen:** Recombinant full length protein of active RalB.

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

**Published Applications:** [IP, IHC and IF - Click for Details](#)

**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

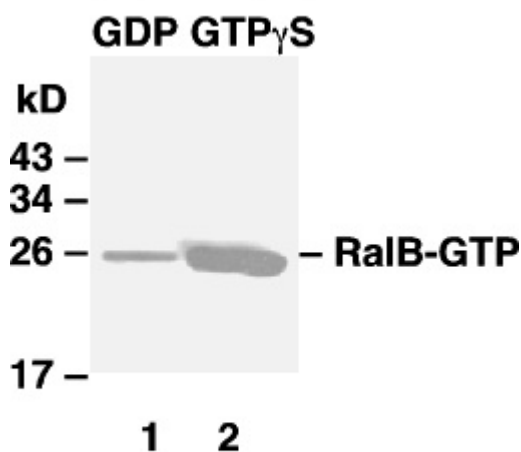
**Constituents:** PBS (without  $Mg^{2+}$  and  $Ca^{2+}$ ), pH 7.4, 150 mM NaCl, 50% glycerol

**Species Reactivity:** Anti-Ral-GTP monoclonal antibody recognizes active RalA and RalB of vertebrates.

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

## Immunoprecipitation/Western blot:

### RalB protein



**IP: anti-active Ral mAb**

**WB: anti-RalB pAb**

**Ral activation assay.**

Purified RalB proteins were immunoprecipitated after treated with GDP (lane 1) or GTP $\gamma$ S (lane 2). Immunoprecipitation was done with the anti-Ral-GTP monoclonal antibody (Cat. No. 26913). Immunoblot was with an anti-RalB rabbit polyclonal antibody (Cat. No. 21033).