

**RALB monoclonal antibody**

Catalog: MB11508

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Multifunctional GTPase involved in a variety of cellular processes including gene expression, cell migration, cell proliferation, oncogenic transformation and membrane trafficking. Accomplishes its multiple functions by interacting with distinct downstream effectors. Acts as a GTP sensor for GTP-dependent exocytosis of dense core vesicles. Required both to stabilize the assembly of the exocyst complex and to localize functional exocyst complexes to the leading edge of migrating cells. Required for suppression of apoptosis (PubMed:17875936). In late stages of cytokinesis, upon completion of the bridge formation between dividing cells, mediates exocyst recruitment to the midbody to drive abscission (PubMed:18756269).

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 23 kDa; Observed MW: 23 kDa

**Swiss-Prot:**

P11234

**Purification&Purity:**

Affinity Purified

**Applications:**

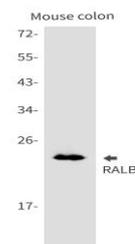
WB: 1/500-1/1000 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of RALB in mouse colon lysates using RALB antibody.

Western blot analysis of RALB in MCF-7 lysates using RALB antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

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