

## Product datasheet

### RHOGDI ALPHA RABBIT POLYCLONAL ANTIBODY

**SKU:** MM-0133

100 µL

#### OVERVIEW

**Clonality:**

Polyclonal

**Host:**

Rabbit

**Reactivity:**

Human

**Application:**

WB

**Target:**

RhoGDI alpha

**Target background:**

Rho GDP-dissociation inhibitor 1 (RhoGDI alpha) belongs to the Rho GDI family of proteins. It is found in the cytoplasm where it regulates the GDP/GTP exchange reaction of the Rho, Rac and Cdc42 proteins by inhibiting their dissociation from GDP, and their subsequent binding to GTP. Rho, Rac and Cdc42 are molecular switches involved in the regulation of cytoskeletal structures that affect the regulation of cell morphology, movement, attachment, phagocytosis and cytokinesis.

**Target alias:**

Rho GDP-dissociation inhibitor 1, RhoGDI alpha

**Specificity:**

The antibody recognizes the human RhoGDI alpha protein.

**Clone ID:**

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**Preservative:**

None

**Format:**

Lyophilized serum

**Recommend starting dilution:**

If reconstituted with deionized water in 100 µl: WB 1:1000 – 1:2000. Optimal dilution has to be determined by the user.

**Limitations:**

Research Use Only

**References:**

1.-Bourgoin S - Low molecular weight GTP-binding proteins in HL-60 granulocytes. Assessment of the role of ARF and of a 50-kDa cytosolic protein in phospholipase D...

**Storage:**

Lyophilized antibodies can be kept at 4°C for up to 3 months and should be kept at -20°C for long-term storage (2 years). To avoid freeze-thaw cycles, reconstituted antibodies should be aliquoted before freezing for long-term (1 year) storage (-80°C) or kept at 4°C for short-term usage (2 months). For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made with the assay buffer. After the maximum long-term storage period (2 years lyophilized or 1 year reconstituted) antibodies should be tested in your assay with a standard sample to verify if you have noticed any decrease in their efficacy.

**Image:**