

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human MgcRacGAP in direct ELISAs and Western blots.
Source	Polyclonal Chicken IgY
Purification	Antigen Affinity-purified from egg yolks
Immunogen	<i>E. coli</i> -derived recombinant human MgcRacGAP Met1-Lys632 (Lys518Ser) Accession # Q9H0H5
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 µg/mL	Recombinant Human MgcRacGAP

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

MgcRac GAP is functionally converted to a Rho GAP via phosphorylation. The Rho GAP activity of MgcRac GAP has been shown to play essential roles in cytokinesis (1).

References:

1. Hiroshima, Y. *et al.* (2003) *Develop. Cell* **4**:549.