

Anti-RhoGDI Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

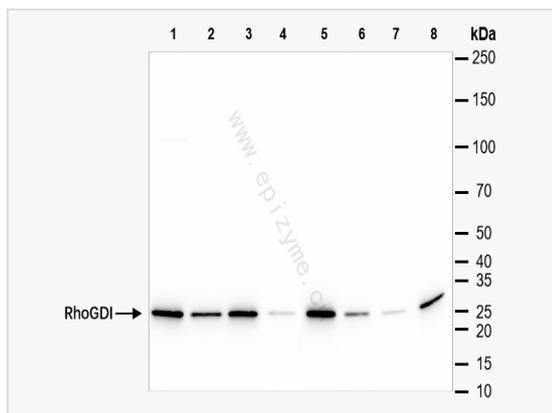
Catalog # R014531

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	70T67P99
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human RhoGDI
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-RhoGDI Rabbit mAb [70T67P99] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	ARHGDI, fa96g11, GDIA 1, GDIA1, GDIR1_HUMAN, MGC117248, NPHS8, Rho GDI 1, Rho GDI alpha, Rho GDI, Rho GDP dissociation inhibitor (GDI) alpha, Rho GDP dissociation inhibitor 1, Rho GDP dissociation inhibitor alpha, Rho GDP-dissociation inhibitor 1, Rho-GDI alpha, RhoGDI 1, RhoGDI alpha, RHOGDI, RhoGDI1, wu:fa96g11, zgc:55554, zgc:77681.
Calculated MW	Calculated MW: 23 kDa; Observed MW: 26 kDa
Uniprot ID	P52565
Gene ID	396
Background	Regulates the GDP/GTP exchange reaction of the Rho proteins by inhibiting the dissociation of GDP from them, and the subsequent binding of GTP to them.
Cellular Location	Cytoplasm.



Western Blot - Anti-RhoGDI Rabbit mAb [70T67P99]

All lanes: R014531 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 5: Rat spleen whole tissue lysates

Lane 6: Rat heart whole tissue lysates

Lane 7: Rat muscle whole tissue lysates

Lane 8: Mouse brain whole tissue lysates

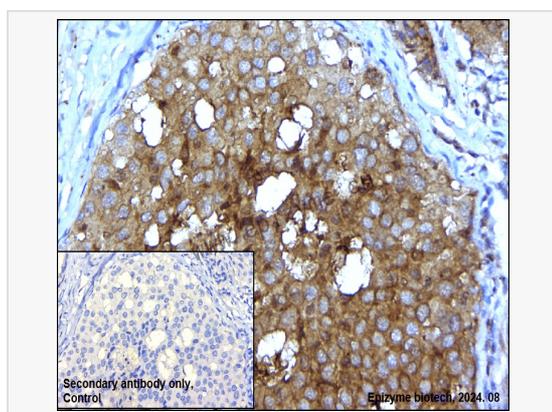
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 23 kDa

Observed band size: 26 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-RhoGDI Rabbit mAb [70T67P99]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R014531 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.