

For Research Use Only

GMIP Recombinant antibody, PBS Only

Catalog Number: 86101-2-PBS



Basic Information

Catalog Number: 86101-2-PBS	GenBank Accession Number: BC126436	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 51291	CloneNo.: 250483G2
Source: Rabbit	UNIPROT ID: Q9P107	
Isotype: IgG	Full Name: GEM interacting protein	
Immunogen Catalog Number: AG23239	Observed MW: 130 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
human

Background Information

GMIP (Gem-interacting protein) is a 970 amino acid protein that stimulates the GTPase activity of RhoA in vitro and in vivo. GMIP interacts with Gem through its N-terminus and has a Rho GTPase-activating protein domain at its C-terminus. The Rho family of GTP-binding proteins plays a role in the development of neuronal structure. GMIP is able to inhibit RhoA function, leading to Actin cytoskeletal reorganization in vivo.

Storage

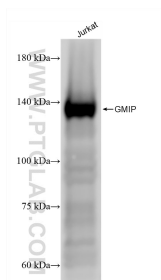
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

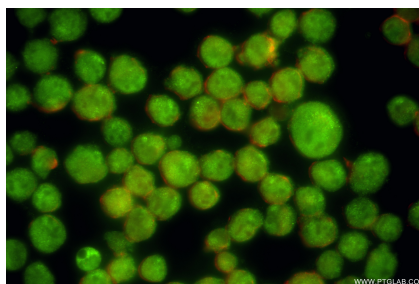
For technical support and original validation data for this product please contact:
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Selected Validation Data



Jurkat cell lysates were subjected to SDS PAGE followed by western blot with 86101-2-RR (GMIP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86101-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using GMIP antibody (86101-2-RR, Clone: 250483G2) at dilution of 1:200 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 86101-2-PBS in a different storage buffer formulation.