

For Research Use Only

RGS5 Recombinant monoclonal antibody

Catalog Number: 88404-1-RR



Basic Information

Catalog Number: 88404-1-RR	GenBank Accession Number: BC030059	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 8490	CloneNo.: 260952D7
Source: Rabbit	UNIPROT ID: O15539	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: regulator of G-protein signaling 5	
Immunogen Catalog Number: AG2196	Calculated MW: 181 aa, 21 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : SK-N-SH cells, SH-SY5Y cells, HUVEC cells, NIH/3T3 cells, mouse skeletal muscle tissue, rat skeletal muscle tissue
	IF/ICC : NIH/3T3 cells,

Background Information

RGS5 inhibits signal transduction by increasing the GTPase activity of G protein alpha subunits thereby driving them into their inactive GDP-bound form. It binds to G(i)-alpha and G(o)-alpha, but not to G(s)-alpha. The 42kDa band recognized by this antibody is a RGS5-RGS5 dimer. (PMID:17762159)

Storage

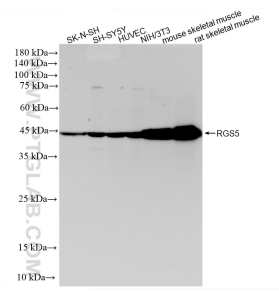
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

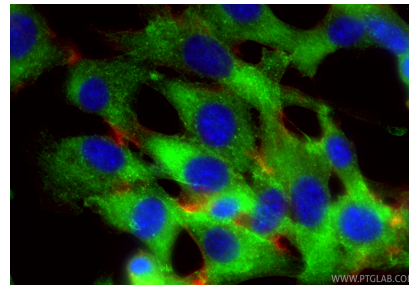
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88404-1-RR (RGS5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using RG5 antibody (88404-1-RR, Clone: 260952D7) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).