

For Research Use Only

STMN2 Recombinant antibody

Catalog Number: 82925-3-RR



Basic Information

Catalog Number:	82925-3-RR	GenBank Accession Number:	BC006302	Purification Method:	Protein A purification
Size:	100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI):	11075	CloneNo.:	230110G10
Source:	Rabbit	UNIPROT ID:	Q93045	Recommended Dilutions:	IF/ICC 1:50-1:500
Isotype:	IgG	Full Name:	stathmin-like 2		
Immunogen Catalog Number:	AG0929	Calculated MW:	21 kDa		

Applications

Tested Applications:	IF/ICC, FC (Intra), ELISA	Positive Controls:	IF/ICC : SH-SY5Y cells,
Species Specificity:	human		

Background Information

Stathmin-2 (encoded by STMN2), a member of the stathmin family of proteins, encodes a phosphoprotein that has an important role in microtubule dynamics. The STMN2 protein promotes microtubule dynamics in axonal growth cones, and is thought to play an important role in neurite outgrowth. STMN2 protein is localized in both Golgi and cytosolic compartments. Its expression appears modulated in osteoblasts by nerve growth factor, dexamethasone or RhoA kinase inhibitor Y-27632 which are known effectors of osteogenesis. (PMID: 33841129, PMID: 18611392)

Storage

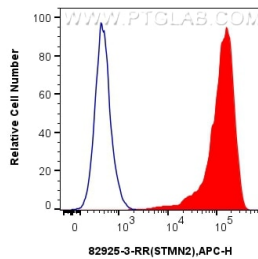
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

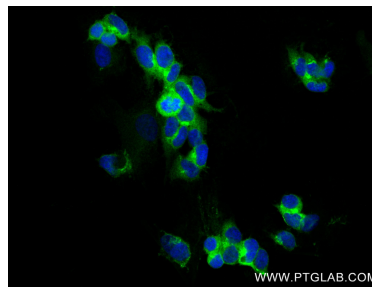
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



1×10^6 SH-SY5Y cells were intracellularly stained with 0.25 μ g STMN2 Recombinant antibody (82925-3-RR, Clone: 230110G10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using STMN2 antibody (82925-3-RR, Clone: 230110G10) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).