

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 µg/ml by Nanodrop;	GeneID (NCBI): 11075	CloneNo.: 230110G10
Source: Rabbit	UNIPROT ID: Q93045	
Isotype: IgG	Full Name: stathmin-like 2	
Immunogen Catalog Number: AG0929	Calculated MW: 21 kDa	

Applications

Tested Applications:
FC, ELISA

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

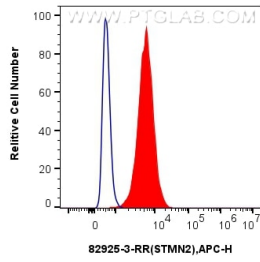
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Selected Validation Data



1×10^6 A549 cells were intracellularly stained with 0.25 μ g Anti-Human STMN2 (82925-3-RR, Clone:230110G10) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).