

STMN2 Recombinant antibody, PBS Only

Catalog Number: 82925-3-PBS

Basic Information

Catalog Number: 82925-3-PBS	GenBank Accession Number: BC006302	Purification Method: Protein A purification
Size: 1mg/ml	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:
IF/ICC, Indirect 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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

Selected Validation Data



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). This data was developed using the same antibody clone with 82925-3-PBS in a different storage buffer formulation.