

For Research Use Only

# CoraLite® Plus 647-conjugated STMN2 Recombinant antibody

Catalog Number: CL647-82925-2



## Basic Information

<b>Catalog Number:</b> CL647-82925-2	<b>GenBank Accession Number:</b> BC006302	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 11075	<b>CloneNo.:</b> 230110B12
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q93045	<b>Recommended Dilutions:</b> IF/ICC: 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> stathmin-Like 2	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Immunogen Catalog Number:</b> AG0929	<b>Calculated MW:</b> 21 kDa	
	<b>Observed MW:</b> 18-21 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : SH-SY5Y cells,
<b>Species Specificity:</b> human, mouse	

## 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

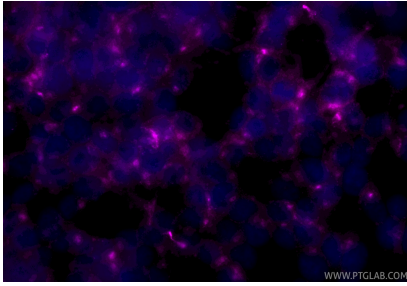
**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed SH-SY5Y cells using CoraLite® Plus 647  
STMN2 antibody (CL647-82925-2, Clone:  
230110B12 ) at dilution of 1:200.