

For Research Use Only

# CoraLite®594-conjugated STMN2 Recombinant antibody

Catalog Number:CL594-82925-2



## Basic Information

**Catalog Number:**

CL594-82925-2

**Concentration:**

1000 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0929

**GenBank Accession Number:**

BC006302

**GeneID (NCBI):**

11075

**UNIPROT ID:**

Q93045

**Full Name:**

stathmin-like 2

**Calculated MW:**

21 kDa

**Observed MW:**

18-21 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

230110B12

**Recommended Dilutions:**

IF/ICC: 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

588 nm / 604 nm

## Applications

**Tested Applications:**

IF/ICC

**Species Specificity:**

human, mouse

**Positive Controls:**

IF/ICC : SH-SY5Y cells,

## 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:

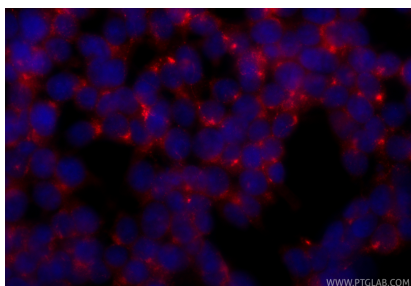
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using CoraLite®594 STMN2 antibody (CL594-82925-2, Clone: 230110B12 ) at dilution of 1:200.