

STMN2 Recombinant antibody

Catalog Number: 82925-3-RR

Basic Information

Catalog Number:

82925-3-RR

Size:

1000 µg/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

Purification Method:

Protein A purification

CloneNo.:

230110G10

Recommended Dilutions:

IF/ICC 1:50-1:500

Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

human

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:

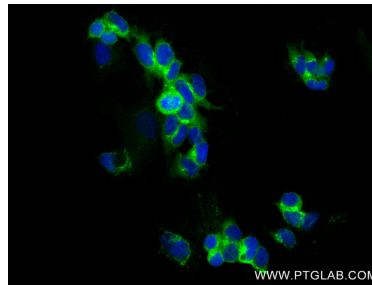
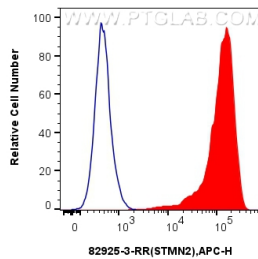
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).