

## **STMN2 Antibody (monoclonal) (M02)**

Mouse monoclonal antibody raised against a partial recombinant STMN2.

Catalog # AT4092a

### **Specification**

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#### **STMN2 Antibody (monoclonal) (M02) - Product Information**

Application	WB, E
Primary Accession	<a href="#">O93045</a>
Other Accession	<a href="#">NM_007029</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	20828

#### **STMN2 Antibody (monoclonal) (M02) - Additional Information**

**Gene ID** 11075

##### **Other Names**

Stathmin-2, Superior cervical ganglion-10 protein, Protein SCG10, STMN2, SCG10, SCGN10

##### **Target/Specificity**

STMN2 (NP\_008960, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### **Precautions**

STMN2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

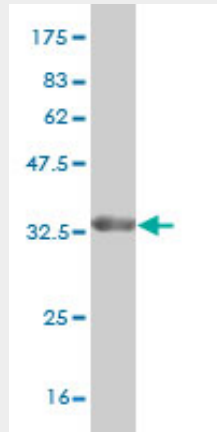
#### **STMN2 Antibody (monoclonal) (M02) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

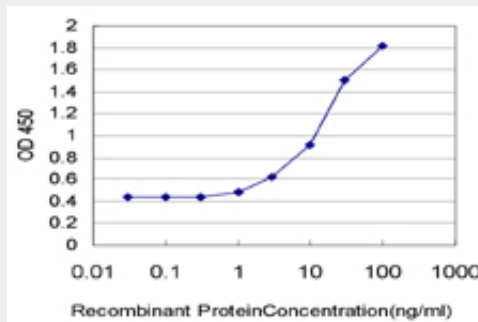
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### STMN2 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .



Detection limit for recombinant GST tagged STMN2 is approximately 1ng/ml as a capture antibody.

### STMN2 Antibody (monoclonal) (M02) - Background

Superior cervical ganglion-10 is a neuronal growth-associated protein that shares significant amino acid sequence similarity with the phosphoprotein stathmin (MIM 151442).

### STMN2 Antibody (monoclonal) (M02) - References

Genetic risk factors for variant Creutzfeldt-Jakob disease: a genome-wide association study. Mead S, et al. *Lancet Neurol*, 2009 Jan. PMID 19081515. Rnd1 regulates axon extension by enhancing the microtubule destabilizing activity of SCG10. Li YH, et al. *J Biol Chem*, 2009 Jan 2. PMID 18996843. Stathmin-like 2, a developmentally-associated neuronal marker, is expressed and modulated during osteogenesis of human mesenchymal stem cells. Chiellini C, et al. *Biochem Biophys Res Commun*, 2008 Sep 12. PMID 18611392. The trans-Golgi proteins SCLIP and SCG10 interact with chromogranin A to regulate neuroendocrine secretion. Mahapatra NR, et al. *Biochemistry*, 2008 Jul 8. PMID 18549247. BRI3 associates with SCG10 and attenuates NGF-induced neurite outgrowth in PC12 cells. Gong Y, et al. *BMB Rep*, 2008 Apr 30. PMID 18452648.