

**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.

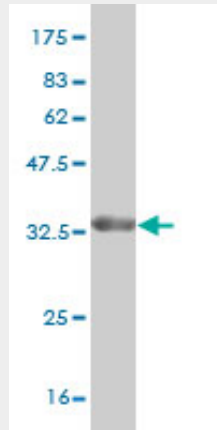
**STMN2 Antibody (monoclonal) (M02) - Protocols**

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

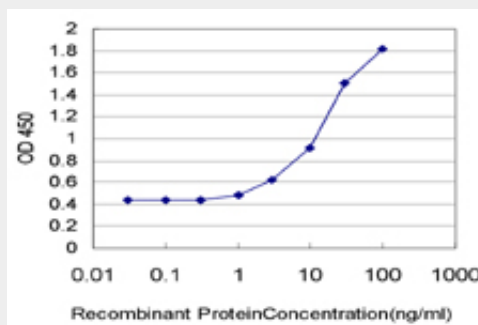
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [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.