

# STMN2 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant STMN2.

Catalog # AT4093a

## Product Information

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<b>Application</b>	E
<b>Primary Accession</b>	<a href="#">Q93045</a>
<b>Other Accession</b>	<a href="#">NM_007029</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG2b Kappa
<b>Clone Names</b>	1D3
<b>Calculated MW</b>	20828

## Additional Information

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<b>Gene ID</b>	11075
<b>Other Names</b>	Stathmin-2, Superior cervical ganglion-10 protein, Protein SCG10, STMN2, SCG10, SCGN10
<b>Target/Specificity</b>	STMN2 (NP_008960, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	E~~N/A
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	STMN2 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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

## References

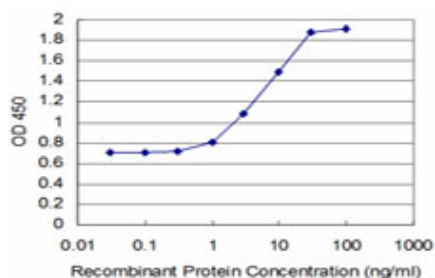
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Genetic risk factors for variant Creutzfeldt-Jakob disease: a genome-wide association study. Mead S, et al. Lancet Neurol, 2009 Jan. PMID 19081515. Rnd1 regulates axon extension by enhancing the microtubule destabilizing activity of SCG10. Li YH, et 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.

## Images

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.