

Mouse anti-Human Synaptophysin, clone SP15 (Monoclonal)

Clone no. SP15

MONOSAN

Product name	Mouse anti-Human Synaptophysin, clone SP15 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-P, WB
Species reactivity	human, hamster, rat
Conjugate	-
Immunogen	Crude human synaptic immunoprecipitate
Isotype	IgM
Clonality	Monoclonal
Clone number	SP15
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human Synaptophysin antibody, clone SP15 recognizes human synaptophysin, also known as Major synaptic vesicle protein p38. Synaptophysin is a 313 amino acid synaptic vesicle associated protein of ~38kDa containing a single marvel domain. Synaptophysin expression is ubiquitous in synaptic vesicle membranes where it is the most abundant protein and is involved in the regulation of endocytosis (Kwon et al. 2011)

References

1. Honer WG et al. Acta Neuropathol 1994; 87: 202-10
2. Del Bigio MR et al. Ann Neurol 2003; 53: 337-46
3. Vitry S et al. Mol Cell Neurosci 2010; 41: 8-18
4. Khan OH et al. Exp Neurol 2006; 200: 311-20
5. Abud MB et al. J Cell Mol Med 2022; 26: 3254-68

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