

Mouse anti-Synaptophysin, clone 27G12 (monoclonal)

Clone no. 27G12

MONXtra

Product name	Mouse anti-Synaptophysin, clone 27G12 (monoclonal)
Host	Mouse
Applications	IHC-P (1:200)
Species reactivity	human
Conjugate	-
Immunogen	Synthetic peptide corresponding to a region near to the C-terminal region of the synaptophysin molecule.
Isotype	IgG1
Clonality	Monoclonal
Clone number	27G12
Size	1 ml
Concentration	Greater than or equal to 42 mg/L
Format	-
Storage buffer	Tissue culture supernatant with sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Synaptophysin is an integral membrane glycoprotein with a molecular weight of 38 kD. It is reported to occur in presynaptic vesicles of neurons in brain, spinal cord, retina, in similar vesicles of the adrenal medulla as well as in neuromuscular junctions. Synaptophysin may be involved in synaptic vesicle formation and exocytosis. Synaptophysin is reported to be expressed in a wide spectrum of neuroendocrine tumors including neuroblastomas, ganglioneuroblastomas, pheochromocytomas, chromaffin and non-chromaffin paragangliomas. Synaptophysin is also reported to be expressed in neuroendocrine tumors of epithelial type including pituitary adenomas, islet cell tumors, medullary carcinomas of thyroid, parathyroid adenomas, carcinoids of the bronchopulmonary and gastrointestinal tracts, neuroendocrine carcinomas of the bronchopulmonary and gastrointestinal tract and neuronendocrine carcinomas of the skin.

References

1. Takeda S et al. Neuropathology. 2003; 23(4):254–261
2. -
3. -
4. -
5. -

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