



Synaptophysin Monoclonal Antibody (SP11)

Catalog Number MA5-14532

Product Data Sheet

Details		Species Reactivity	
Size	500µL	Tested species reactivity	Human, Mouse, Rat
Host / Isotype	Rabbit / IgG	Published Species Reactivity	Human, Mouse, Not Applicable
Class	Monoclonal	Tested Applications	Dilution *
Type	Antibody	Flow Cytometry (Flow)	1:20
Clone	SP11	Immunocytochemistry (ICC)	1:250
Immunogen	A synthetic peptide of human synaptophysin	Immunofluorescence (IF)	1:250
Conjugate	Unconjugated	Immunohistochemistry (Paraffin) (IHC (P))	1:20
Form	Liquid	Western Blot (WB)	1:1000
Storage Buffer	tissue culture supernatant	Published Applications	
Contains	15mM sodium azide	Immunohistochemistry (IHC)	See 26 publications below
Storage Conditions	4° C	Miscellaneous (Misc)	See 3 publications below
		Immunocytochemistry (ICC)	See 1 publications below
		Immunohistochemistry (Frozen) (IHC (F))	See 1 publications below
		Immunohistochemistry (Paraffin) (IHC (P))	See 1 publications below

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Product Specific Information

MA5-14532 targets Synaptophysin in IHC (P) and WB applications and shows reactivity with Human samples.

The MA5-14532 immunogen is a synthetic peptide of human synaptophysin.

Background/Target Information

This antibody recognizes a protein of 38kDa, identified as synaptophysin. It labels normal neuroendocrine cells of human adrenal medulla, carotid body, skin, pituitary gland, thyroid, lung, pancreas, gastrointestinal mucosa, Paneth's cells in the gastrointestinal tract and of gastric parietal cells. Neurons in the brain, spinal cord, and retina are also labeled. In combination with anti-chromogranin A and anti-NSE, Ab to synaptophysin is very useful in the identification of normal neuroendocrine cells and neuroendocrine neoplasms.

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