

Eff. Date: 4 March 2020 Version: 2.0 IFU: Synaptophysin ILP11120

Synaptophysin

Instructions for Use

Specification:

Anti-Synaptophysin reacts with neuroendocrine cells of human adrenal medulla, carotid body, skin, pituitary, thyroid, lung, pancreas and gastrointestinal mucosa. Positive staining is seen in neurons of the brain, spinal cord, retina, and Paneth's cells in the gastrointestinal tract and gastric parietal cells. This antibody identifies normal neuroendocrine cells and neuroendocrine neoplasms. Diffuse, finely granular cytoplasmic staining is observed, which probably correlates with the distribution of the antigen within neurosecretory vesicles. The expression of synaptophysin is independent of the presence of NSE or other neuroendocrine markers. Anti-Synaptophysin is an independent broad-range marker of neural and neuroendocrine differentiation.

Availability:

Catalog No.	Contents	Volume
ILP11120-C01	Synaptophysin	0,1 ml concentrate
ILP11120-C05	Synaptophysin	0,5 ml concentrate
ILP11120-C1	Synaptophysin	1,0 ml concentrate
ILP11120-R10	Synaptophysin	10 ml prediluted
ILP11120-R25	Synaptophysin	25 ml prediluted

Intended use: For Research Use Only

Reactivity: Human

Species of origin: Rabbit

Control Tissue: Pancreas

Staining: Cytoplasmic

Presentation: Anti-Synaptophysin is a rabbit polyclonal antibody purified from rabbit anti-sera diluted in tris buffered saline, pH 7.3-7.7, with protein base, and preserved with sodium azide.

Application and suggested dilutions:

Pre-treatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of cryostat tissue sections (dilution up to 1:100-1:500)
- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section
- (dilution up to 1:100-1:500)

The optimal dilution for a specific application should be determined by the investigator.

• Ready-to-use: Apply the prediluted antibody and incubate for 30-60 minutes at room temperature.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-rabbit secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

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References:

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