

Product Datasheet

Synaptophysin Antibody (SYP/4503R) [Alexa Fluor™ Plus 405]

NBP3-08213AFP405

Unit Size: 0.1 ml

Store at 4C in the dark.

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Synaptophysin Antibody (SYP/4503R) [Alexa Fluor™ Plus 405]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SYP/4503R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor Plus 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	6855
Gene Symbol	SYP
Species	Human
Marker	Neuroendocrine Marker
Specificity/Sensitivity	This recombinant rabbit monoclonal antibody recognizes a protein of 38kDa that is identified as synaptophysin. It is an N-glycosylated integral membrane protein found in neurons and endocrine cells. Synaptophysin contains four transmembrane domains and may function as a gap junction-like channel. 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. Synaptophysin is an independent, broad-range marker of neural and neuroendocrine differentiation.
Immunogen	Recombinant fragment (around aa 224-313) of human Synaptophysin (SYP) protein (exact sequence is proprietary) (Uniprot: IDP08247)
Notes	This product is provided under an intellectual property license from Life Technologies Corporation. The transfer of this product is conditioned on the buyer using the purchased product solely in research conducted by the buyer, excluding contract research or any fee for service research, and the buyer must not (1) use this product or its components for (a) diagnostic, therapeutic or prophylactic purposes; (b) testing, analysis or screening services, or information in return for compensation on a per-test basis; or (c) manufacturing or quality assurance or quality control, and/or (2) sell or transfer this product or its components for resale, whether or not resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.



Product Application Details	
Applications	Immunohistochemistry-Paraffin, ELISA
Recommended Dilutions	ELISA, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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