

# Product Datasheet

## Synaptophysin Antibody (SYP/7976R) [CoraFluor™ 1] NBP3-20998CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP3-20998CL1**

Synaptophysin Antibody (SYP/7976R) [CoraFluor™ 1]

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. Do not freeze.
Clonality	Monoclonal
Clone	SYP/7976R
Preservative	No Preservative
Isotype	IgG Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.
Host	Rabbit
Gene ID	6855
Gene Symbol	SYP
Species	Human
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 274-313) of human Synaptophysin protein (exact sequence is proprietary)
Notes	CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254

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





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### Products Related to NBP3-20998CL1

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H00006855-P01-10ug	Recombinant Human Synaptophysin GST (N-Term) Protein
DBD00	BDNF [HRP]
NBP2-25170PEP	Synaptophysin Antibody Blocking Peptide
NB300-213	MAP2 Antibody

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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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