

Mouse anti-Human Synaptophysin Monoclonal Antibody | anti-MSH2 antibody

Synaptophysin (Neuroendocrine Marker) Recombinant Mouse Monoclonal Antibody [Clone rSYP/4654]

CATALOG # AAA215949	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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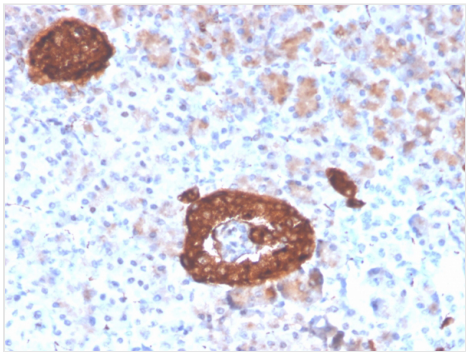
PRODUCT SYNONYMS

Synaptophysin; Monoclonal Antibody; Synaptophysin (Neuroendocrine Marker) Recombinant Mouse Monoclonal Antibody [Clone rSYP/4654]; Synaptophysin (Neuroendocrine Marker); Major synaptic vesicle protein p38; MRX96; MRXSYP; Syn p38; Syp; SYPH; anti-MSH2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse/IgG2a, kappa
Clone Number	rSYP/4654
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Concentration	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml (varies by lot)
Applicable Applications for anti-MSH2 antibody	IHC (Immunohistochemistry)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant fragment (around aa 224-313) of human Synaptophysin (SYP) protein (exact sequence is proprietary)
Cellular Localization	Cytoplasmic
Positive Control	HepG2, HeLa or Y79 cells. Human pancreas, cerebellum or pheochromocytoma.
Hu-chromosome Location	Xp11.23
Unigene	632804
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C Antibody without azide: store at -20 to -80 degree C Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human pancreas stained with Synaptophysin Recombinant Mouse Monoclonal Antibody (rSYP/4654).

ADDITIONAL INFORMATION

Related Product Information for anti-MSH2 antibody	This 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.
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	6855
Molecular Weight	38kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/synaptophysin-antibody-clone-rsyp-4654-immunohistochemistry-elisa/215949>