

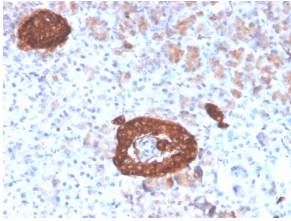
## Anti-Synaptophysin Antibody [rSYP/4654] - BSA and Azide free (A253252)

### Specifications:

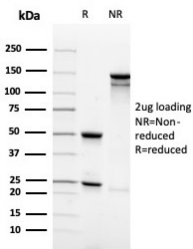
Name:	Anti-Synaptophysin Antibody [rSYP/4654] - BSA and Azide free
Description:	Recombinant mouse monoclonal [rSYP/4654] antibody to Synaptophysin.
Specificity:	This antibody recognizes a protein of 38kDa that is identified as synaptophysin. It is an N-glycosylated integral membrane protein found in 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.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 224-313, of human Synaptophysin protein. The exact sequence is proprietary.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	rSYP/4654
Isotype:	IgG2a
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-Synaptophysin Antibody [rSYP/4654] (A250072).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

## Anti-Synaptophysin Antibody [rSYP/4654] - BSA and Azide free (A253252)

### Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human pancreas using Anti-Synaptophysin Antibody [rSYP/4654].



SDS-PAGE analysis of Anti-Synaptophysin Antibody [rSYP/4654] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.