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Product datasheet for TA506499AM

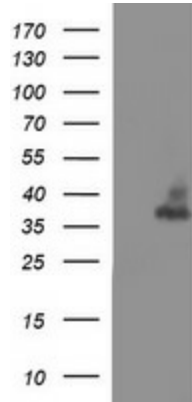## Synaptophysin (SYP) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3E2]

Product data:

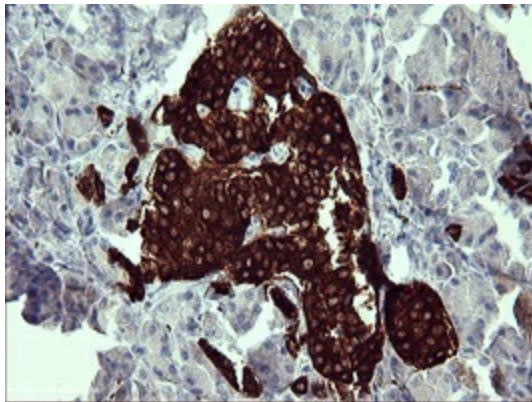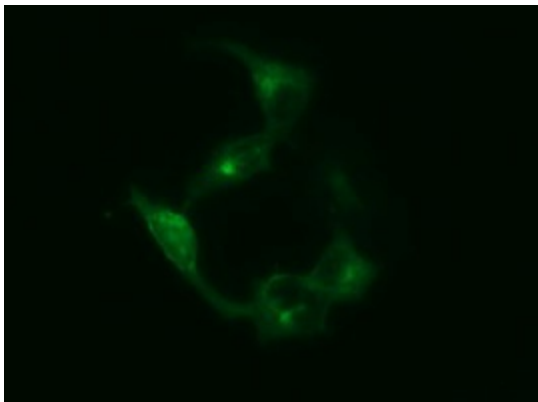|	
Product Type:	Primary Antibodies
Clone Name:	OTI3E2
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:4000, IHC 1:150, IF 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human SYP(NP_003170) produced in HEK293T cell.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33.7 kDa
Gene Name:	synaptophysin
Database Link:	NP_003170
	Entrez Gene 20977 Mouse Entrez Gene 24804 Rat Entrez Gene 6855 Human
	P08247
Synonyms:	MRX96; MRXSYP
Protein Families:	Secreted Protein, Transmembrane

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Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY SYP ([RC208972], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-SYP ([TA506499]). Positive lysates [LY401102] (100ug) and [LC401102] (20ug) can be purchased separately from OriGene.

Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-SYP mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120°C for 3min, [TA506499])

Anti-SYP mouse monoclonal antibody ([TA506499]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY SYP ([RC208972]).