

Product datasheet for **TA813801M**

NSE (ENO2) Mouse Monoclonal Antibody [Clone ID: OTI3C1]

Product data:

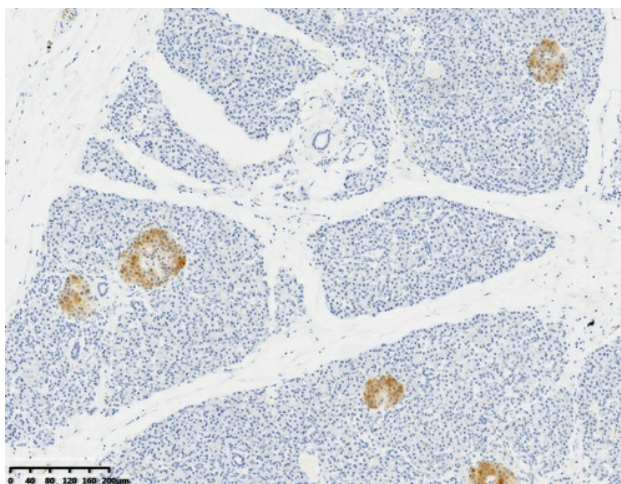
Product Type:	Primary Antibodies
Clone Name:	OTI3C1
Applications:	IHC
Recommended Dilution:	IHC 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 188-293 of human NSE (NP_001966) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Shipped at -20°C or with ice packs, Upon delivery store at -20°C. Dilute in PBS(pH7.3) if necessary. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	47.3 kDa
Gene Name:	enolase 2
Database Link:	NP_001966 Entrez Gene 13807 Mouse Entrez Gene 24334 Rat Entrez Gene 2026 Human P09104
Background:	This gene encodes one of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates. [provided by RefSeq, Jul 2008]


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Synonyms: HEL-S-279; NSE

Protein Pathways: Glycolysis / Gluconeogenesis, Metabolic pathways, RNA degradation

Product images:



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-NSE mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Human adult brain tissue within the normal limits using anti-NSE mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.