

Mouse NSE Monoclonal Antibody | anti-NSE antibody

NSE Monoclonal Antibody (13E2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30809	Mouse	Human, Mouse, Rat	Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

NSE; Monoclonal Antibody; NSE Monoclonal Antibody (13E2); Gamma-enolase; ENO2; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; anti-NSE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	13E2
Specificity	The antibody detects endogenous NSE proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-NSE antibody	WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Application Notes	WB: 1:2000 IHC: 1:200 IF: 1:200
Immunogen	Synthetic Peptide of NSE
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human pancreas. 1. Antibody was diluted at 1:400(4 degree overnight). 2. High-pressure and temperature EDTA. pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).



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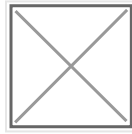
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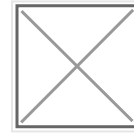
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ADDITIONAL INFORMATION

Related Product Information for anti-NSE antibody	enolase 2(ENO2) Homo sapiens 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]
Product Categories/Family for anti-NSE antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5803011
NCBI GeneID	2026
NCBI Accession #	NP_001966.1
NCBI GenBank Nucleotide #	NM_001975.2
UniProt Accession #	P09104; Q96J33
Molecular Weight	47,269 Da
NCBI Official Full Name	gamma-enolase
NCBI Official Synonym Full Names	enolase 2 (gamma, neuronal)
NCBI Official Symbol	ENO2
NCBI Official Synonym Symbols	NSE
NCBI Protein Information	gamma-enolase; neural enolase; neuron-specific enolase; neurone-specific enolase; neuron specific gamma enolase; 2-phospho-D-glycerate hydrolyase; 2-phospho-D-glycerate hydro-lyase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	ENO2
UniProt Synonym Gene Names	NSE
UniProt Entry Name	ENOG_HUMAN

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.

