

Mouse anti-Human, Rat Enolase, Neuron Specific (NSE) Monoclonal Antibody | anti-NSE antibody

Monoclonal Antibody to Enolase, Neuron Specific (NSE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA146504	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

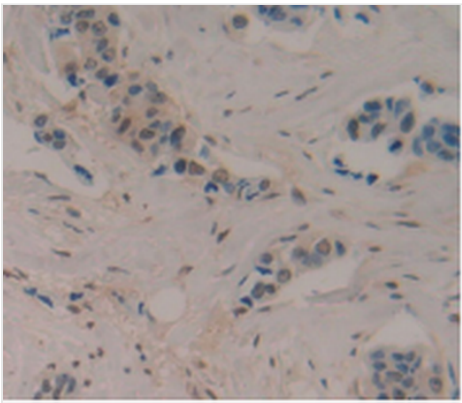
PRODUCT SYNONYMS

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

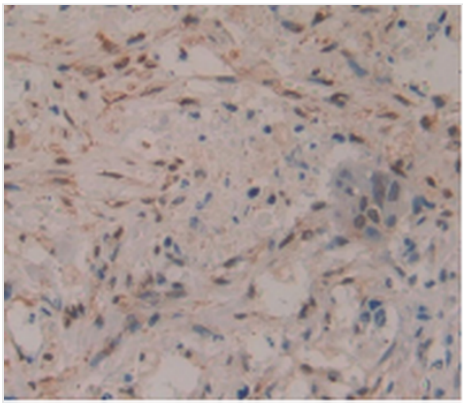
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C12
Specificity	The antibody is a mouse monoclonal antibody raised against NSE. It has been selected for its ability to recognize NSE in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-NSE antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Enolase, Neuron Specific (NSE) (Met1~Leu434)
Cross Reactivity	Human, Rat
Buffer Formulation	PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Label	None
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

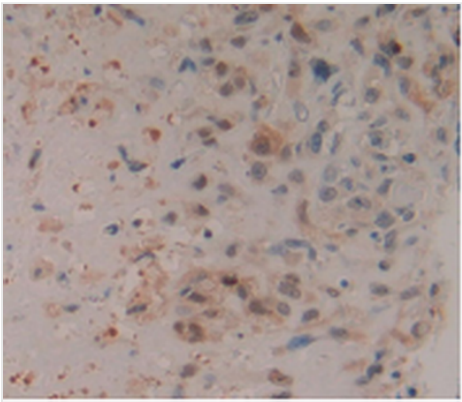
IMAGES



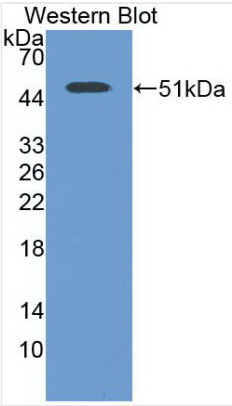
IHC (Immunohistochemistry)
DAB staining on IHC-P Samples:Human Breast Cancer Tissue



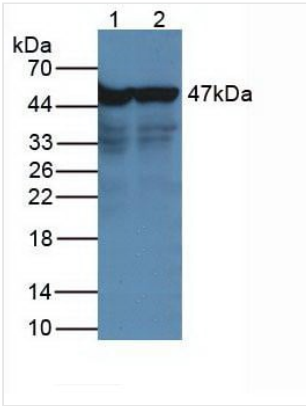
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples:Human Pancreas Cancer Tissue



IHC (Immunohistochemistry)
DAB staining on IHC-P Samples:Human Lung Cancer Tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot Lane1: Human Hepg2 Cells Lane2: Human Hela Cells Primary Ab: 2ug/mL
Rabbit Anti-Human NSE Ab Second Ab: 1:5000 Dilution of HRP-Linked Rabbit Anti-Mouse IgG
Ab

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 ; B7Z2X9
Molecular Weight	42,707 Da
NCBI Official Full Name	gamma-enolase
NCBI Official Synonym Full Names	enolase 2
NCBI Official Symbol	ENO2
NCBI Official Synonym Symbols	NSE; HEL-S-279
NCBI Protein Information	gamma-enolase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	ENO2
UniProt Synonym Gene Names	NSE

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/enolase-neuron-specific-nse-antibody-clone-c12-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/146504>