

Mouse NSE Monoclonal Antibody | anti-NSE antibody

NSE antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74362	Mouse	This clone reacts with 45kD band corresponding to NSE in immunoblotting of human brain extracts.	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

NSE; Monoclonal Antibody; NSE antibody; Monoclonal NSE; Anti-NSE; Neuron Specific Enolase; Neuron specific enolase; Enolase2; Enolase 2 gamma neuronal; Neural enolase; Enolase 2; gamma enolase; Anti NSE; Neuron specific gamma enolase; gamma-enolase; anti-NSE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	This clone reacts with 45kD band corresponding to NSE in immunoblotting of human brain extracts.
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	5E2
Specificity	Human
Purity/Purification	NSE antibody was purified by chromatography on protein G Sepharose.
Form/Format	Chromatographically purified from mouse ascites and supplied in PBS, pH 7.4, with 0.1 % NaN ₃ .
Concentration	2.1mg/ml (varies by lot)
Sequence Length	434
Applicable Applications for anti-NSE antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	Neuron specific enolase (NSE), is an enzyme that in humans is encoded by the ENO2 gene. NSE is a phosphopyruvate hydratase. NSE is produced by small cell carcinomas which are neuroendocrine in origin. NSE is therefore a useful tumor marker for lung cancer patients.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Human NSE affinity purified
Immunogen Information	NSE antibody was raised in mouse using NSE from the human brain as the immunogen.
Preparation and Storage	Store at 4 degree C or -20 degree C for longer storage.

ADDITIONAL INFORMATION

Related Product Information for anti-NSE antibody	Mouse monoclonal NSE antibody
Product Categories/Family for anti-NSE antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	2465396
NCBI GeneID	24334
UniProt Accession #	P07323
Molecular Weight	47,141 Da
NCBI Official Full Name	neuron-specific enolase
NCBI Official Synonym Full Names	enolase 2, gamma, neuronal
NCBI Official Symbol	Eno2
NCBI Official Synonym Symbols	NSE; RNEN3
NCBI Protein Information	gamma-enolase
UniProt Protein Name	Gamma-enolase
UniProt Gene Name	Eno2
UniProt Synonym Gene Names	Eno-2; NSE
UniProt Entry Name	ENOG_RAT

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/nse-antibody-clone-5e2-western-blot-immunohistochemistry-elisa/74362>