

NSE (AB1569) mouse mAb

W0377

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- IHC; WB; IF; ELISA

MW

- 47 kDa (calculated)
- 47 kDa (observed)

Isotype

- IgG2a, kappa

Recommended Dilution Ratios

Application

IHC; WB; IF; ELISA

Dilution

IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1569

Immunogen A synthetic peptide corresponding to the amino acid region 300 - 434 of the human NSE protein.

Specificity The antibody can specifically recognize human NSE protein. In western blotting of PC-12 cell lysate, the antibody can label a 47 kDa band corresponding to NSE.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name ENO2

Protein Name NSE

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P09104	2026

Background Neuron-specific enolase (NSE) has α , β , γ three subunits, mainly distributed in central nerve, peripheral nerve, neuroendocrine cells and tumor cells, can be used in the auxiliary diagnosis of neuroendocrine tumors. Some non neuroendocrine cells also express NSE, such as normal smooth muscle, myoepithelial cells, renal tubular cells, lymphocytes and so on. It should be combined with other antibodies in the study of neuroendocrine tumors.