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NSE (AB2360) mouse mAb

W0378

Key Features

Host Species
- Mouse

Reactivity
- Human; Mouse; Rat;

Applications
- IHC; WB; IF; ELISA

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

Isotype
- IgG1, kappa

Recommended Dilution Ratios

Application	Dilution
IHC; WB; IF; ELISA	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℃. 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	AB2360
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.