



NSE (4C7) Mouse mAb

db6437 Package : 50μL 100μL

Product Name: NSE (4C7) Mouse mAb

Cat.No.: db6437

Synonyms: ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-

specific enolase; NSE

Application: WB, ICC/IF, IHC-P **Reactivity**: Human, Mouse, Rat

Host species: Mouse

Background Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system

(CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and

promotes cell survival.

Immunogen Synthetic Peptide of NSE

Gene ID 2026

Swiss Prot P09104

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specific enolase; NSE

Reactivity Human, Mouse, Rat

Application WB, ICC/IF, IHC-P

Recommended dilution WB: 1:500-1:1000

IHC: 1:50-1:100

ICC/IF: 1:50-1:200

Calculated MW 47 kDa

Observed MW 47 kDa

Host species Mouse

Clonality Monoclonal

Clonality No. 4C7-4F10-10F9

Isotype IgG1

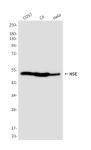
Purity Affinity Purification

Conjugation Un-conjugated

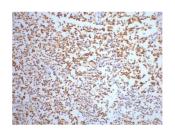


Storage Stability

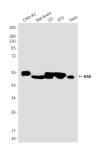
Store at -20 $^{\circ}$ C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA . Stable for 12 months from date of receipt.



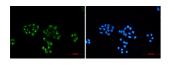
Western blot analysis of Enolase2 in COS7, C6 and Hela lysates using Enolase2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human small cell carcinoma of lung tissue using NSE antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of NSE (4C7) in Enolase (4C7) in CHO-K1, rat brain, C6, 3T3, Hela lysates using Enolase (4C7) antibody.



Immunocytochemistry analysis of NSE (4C7) (green) in Hela using NSE (4C7) antibody and DAPI(blue)