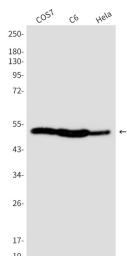


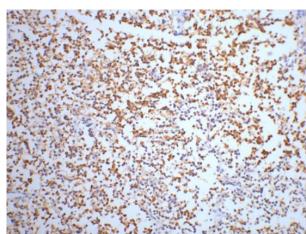
**NSE (4C7) Mouse mAb****db6437****Package : 50µL 100µL****Product Name :** NSE (4C7) Mouse mAb**Cat.No.:** db6437**Synonyms :** ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE**Application :** WB, ICC/IF, IHC-P**Reactivity :** Human, Mouse, 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**Synonyms** ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-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**

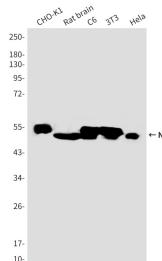
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
Stable for 12 months from date of receipt.



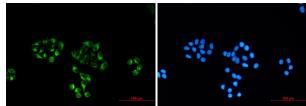
Western blot analysis of Enolase2 in COS7, C6 and Hela lysates using Enolase2 antibody.



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)