

**NSE (1G7) Mouse mAb**

db6276

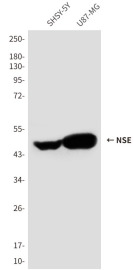
Package : 50µL 100µL

**Product Name** : NSE (1G7) Mouse mAb**Cat.No.:** db6276**Synonyms** : ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE**Application** : WB, ELISA**Reactivity** : Human, Mouse, Rat**Host species** : Mouse

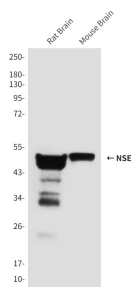
<b>Background</b>	Has neurotrophic and neuroprotective properties on a broad spectrum of central nervous system (CNS) neurons. Binds, in a calcium-dependent manner, to cultured neocortical neurons and promotes cell survival (By similarity).
<b>Immunogen</b>	Synthetic peptide derived from human NSE
<b>Gene ID</b>	2026
<b>Swiss Prot</b>	P09104
<b>Synonyms</b>	ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE
<b>Reactivity</b>	Human, Mouse, Rat
<b>Application</b>	WB, ELISA
<b>Recommended dilution</b>	WB: 1:500-1:1000 ELISA: 1:10000
<b>Calculated MW</b>	47 kDa
<b>Observed MW</b>	47 kDa
<b>Host species</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	1G7-B4
<b>Isotype</b>	IgG1
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated

**Storage Stability**

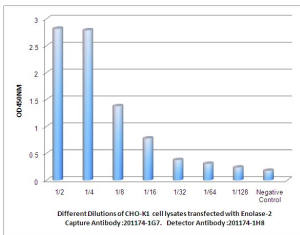
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .  
Stable for 12 months from date of receipt.



Western blot analysis of Enolase2 in SH-SY5Y and U87-MG lysates using Enolase2 antibody.



Western blot analysis of NSE (1G7) in rat Brain and mouse Brain lysates using Enolase2 antibody.



Observed Enolase2 levels in CHO-K1 cell lysates transfected with Enolase2 at different dilution.