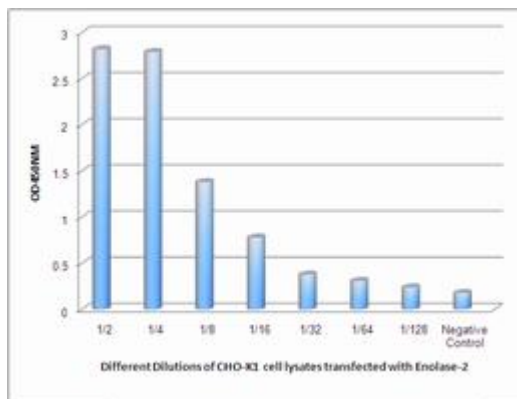
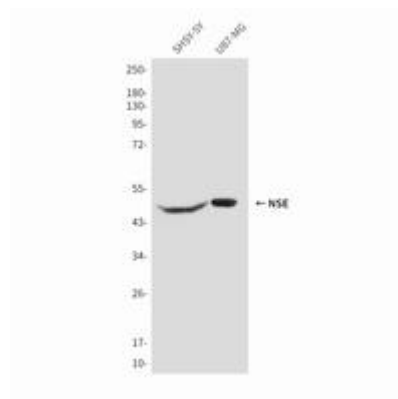


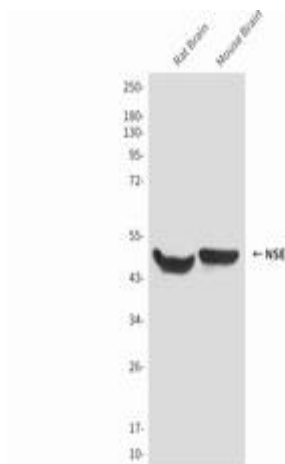
NSE (1H8) MOUSE MAB**Cat.#:** N261462**Product Name:** Anti-NSE (1H8) Mouse Monoclonal Antibody**Synonyms:** ENO2; Gamma-enolase; 2-phospho-D-glycerate hydro-lyase; Enolase 2; Neural enolase; Neuron-specific enolase; NSE**UNIPROT ID:** P09104**Background:** ENO2 an enzyme with 2-phospho-D-glycerate hydro-lyase activity. One of the three enolase isoenzymes found in mammals. This isoenzyme, a homodimer, is found in mature neurons and cells of neuronal origin. A switch from alpha enolase to gamma enolase occurs in neural tissue during development in rats and primates.**Immunogen:** Synthetic peptide derived from human NSE.**Applications:** WB,ELISA**Recommended Dilutions:** WB: 1/500-1/1000 ELISA: 1/10000**Host Species:** Mouse**Clonality:** Mouse Monoclonal**Clone ID:** 1H8-B4**MW:** Calculated MW: 47 kDa; Observed MW: 47 kDa**Isotype:** IgG1**Purification:** Affinity Purified**Species Reactivity:** Human,Mouse,Rat**Conjugation:** Unconjugated**Modification:** Unmodified**Constituents:** PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide**Research Areas:** Signal Transduction**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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



Western blot analysis of NSE (1H8) in rat Brain and mouse Brain lysates using Enolase2 antibody.