



ELK Biotechnology

NSE M A
C NO.: EM1066
F
O

P NSE Mouse Monoclonal antibody

S Mouse

A B IHC

S H R M

R B :1/2000

I :1/200
NOTE: O

I Synthetic Peptide

S Human

S PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
Store at -20 C. Avoid repeated freeze-thaw cycles.

I IgG1

C Monoclonal

C 1 mg/ml

O 47 D

G ID H 2026

H S -P N . P09104

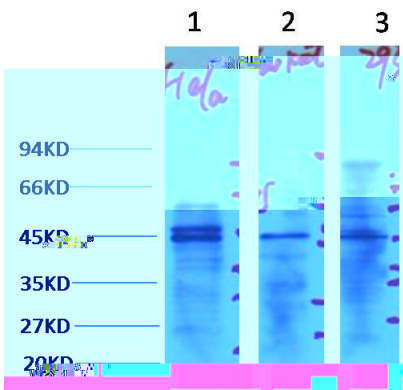
C Cytoplasm. Cell membrane.

A N ENO2 Enolase 2 enolase 2 (gamma neuronal) Gamma enolase Neural enolase Neuron specific enolase

B Enolase is a glycolytic enzyme catalyzing the reaction pathway between 2 phospho glycerate and phosphoenol pyruvate. In mammals enolase molecules are dimers composed of three distinct subunits (alpha beta and gamma). The alpha subunit is expressed in most tissues and the beta subunit only in muscle. The gamma subunit is expressed primarily in neurons in normal and in neoplastic neuroendocrine cells. NSE (neuron

specific enolase) is found in elevated concentrations in plasma in certain neoplasias. These include pediatric neuroblastoma and small cell lung cancer. Coexpression of NSE and chromogranin A is common in neuroendocrine neoplasms.

Western blot analysis of) Hela 2) Jurkat 3) 293T cell lysates with NSE mAb diluted at:3000.



IHC staining of Human small cell carcinoma of lung tissue with NSE mouse mAb(13E2) diluted at:200.

