

NSE Monoclonal antibody

Cat:B32119R

Company: Haokebio

Uniprot ID:P09104

Applications: IHC:1:100-1:200

Organism:Mouse

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Neuron-Specific Enolase (NSE) is a cytoplasmic protein with three subunits: α , β , and γ . These subunits can form homodimers and heterodimers. Among these subunits, the γ subunit is mainly distributed in the central nervous system, peripheral nervous system, neuroendocrine cells, and their corresponding tumor cells. NSE targets γ -enolase (γ -homodimers) but exhibits cross-reactivity with γ -heterodimers, resulting in positive expression in many non-neuroendocrine cells under normal conditions, such as smooth muscle cells, myoepithelial cells, renal tubular cells, and lymphocytes. Clinically, NSE is used in combination with other antibodies for the investigation of neuroendocrine tumors.

Protein full name:

enolase 2 (gamma, neuronal)

Synonyms:

ENO2, Neural enolase, Gamma enolase, Enolase 2, EC:4.2.1.11

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

 PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

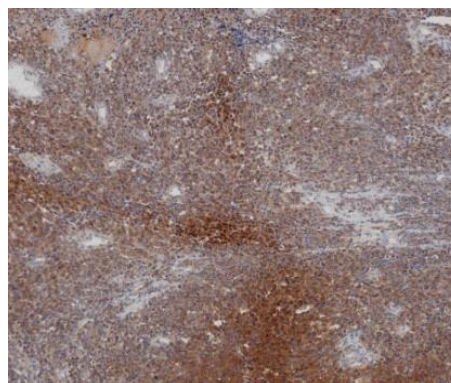
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human neuroblastoma tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:NSE(B32119R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:NSE(B32119R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.