

Anti-NSE [NSEP1]

Catalogue number: 151866

Sub-type: Primary antibody

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-NSE [NSEP1]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Neuron specific enolase (NSE, or gamma-isozyme of enolase) is found at elevated concentrations in plasma in certain neoplasias, including paediatric neuroblastoma and small cell lung cancer.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Ovalbumin-conjugated synthetic peptides corresponding to human NSE amino acid sequence: NSE-P1: aa's 416-433 - LGDEARFAGHNFRNPSVL

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: IHC: formalin-fixed, paraffin-embedded nerve tissue sections western blot: ?-

isozyme of human enolase; 50-100 ng per lane

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Gamma-isozyme of human enolase (NSE)

Target alternate names:

Target background: Neuron specific enolase (NSE, or gamma-isozyme of enolase) is found at elevated concentrations in plasma in certain neoplasias, including paediatric neuroblastoma and small cell lung cancer.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-NSE [NSEP2]

References

References: Alnabulsi et al. 2017. Br J Cancer. :. PMID: 28557975. ; The differential expression of omega-3 and omega-6 fatty acid metabolising enzymes in colorectal cancer and its prognostic significance. ; Alnabulsi et al. 2016. Characterisation of Arachidonic Acid Metabolising Enzymes in Colorectal Cancer. J Pathol. 240 Suppl 1:S1-S48. PMID: 27747872 ; Nottingham Pathology 2016. 9th Joint Meeting of the British Division of the International Academy of Pathology and the Pathological Society of Great Britain & Ireland, 28 June - 1 July 2016. ; Downie et al. 2005. Clin Cancer Res. 11(20):7369-75. PMID: 16243809. ; Profiling cytochrome P450 expression in ovarian cancer: identification of prognostic markers. ; Kumarakulasingham et al. 2005. Clin Cancer Res. 11(10):3758-65. PMID: 15897573. ; Cytochrome p450 profile of colorectal cancer: identification of markers of prognosis.

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