

## Anti-NSE/ENO2 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PA1061-Fluoro647

### About ENO2

NSE (neuron specific enolase), also known as Enolase 2 (ENO2), is found in elevated concentrations in plasma in certain neoplasias. The enolases catalyze the interconversion of 2-phosphoglycerate to phosphoenolpyruvate in the glycolytic pathway. ENO2 gene contains 12 exons distributed over 9,213 nucleotides. Human neurone-specific enolase is mapped to chromosome 12p13.

### Overview

Product Name	Anti-NSE/ENO2 Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P09104

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human NSE, identical to the related mouse and rat sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

## 48 Publications Citing This Product

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1. PubMed ID: 10.3892/or.16.5.1021, Histological type of oncogenity and expression of cell cycle genes in tumor cells from human mesenchymal stem cells
2. PubMed ID: 10.3892/ijmm.2011.734, Involvement of calmodulin and actin in directed differentiation of rat cortical neural stem cells into neurons
3. PubMed ID: 10.4103/1673-5374.2111193, Protective effects of Dendrobium nobile Lindl. alkaloids on amyloid beta (25–35)-induced neuronal injury

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