

Product Datasheet

Enolase 2/Neuron-specific Enolase Antibody (ENO2/1462) **[DyLight 680]** **NBP2-59603FR**

Unit Size: 100 ul

Store at 4C in the dark.

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NBP2-59603FR

Enolase 2/Neuron-specific Enolase Antibody (ENO2/1462) [DyLight 680]

| Product Information | |
|-----------------------------|---|
| Unit Size | 100 ul |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | ENO2/1462 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b Kappa |
| Conjugate | DyLight 680 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Description | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Host | Mouse |
| Gene ID | 2026 |
| Gene Symbol | ENO2 |
| Species | Human, Mouse, Rat |
| Marker | Neuroendocrine Marker |
| Specificity/Sensitivity | The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. Recognizes a protein of about 50kDa, which is identified as gamma-enolase. Three isoenzymes of enolases are identified, alpha, beta and gamma. Alpha-isoform is expressed in most tissues, whereas beta-form is expressed predominantly in muscle tissue whereas gamma-enolase is found only in nervous tissue. These isoforms exist as both homodimers and heterodimers, and they play a role in converting phosphoglyceric acid to phosphoenolpyruvic acid in the glycolytic pathway. NSE-gamma is a useful marker to identify peripheral nerves and tumors of neuro-endocrine origins, such as pheochromocytomas. It is usually employed in combination with other markers such as Synaptophysin, Chromogranin A, and Neurofilament. |
| Immunogen | A synthetic peptide of human Enolase 2/Neuron-specific Enolase (around aa416-433) (exact sequence is proprietary) (Uniprot: P09104) |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-59603FR

| | |
|----------------|--|
| NBP1-43317FR | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [DyLight 680] |
| NBP2-61382-1mg | Recombinant Human Enolase 2/Neuron-specific Enolase Protein |
| 7954-GM-010/CF | GM-CSF [Unconjugated] |
| DENL20 | Enolase 2/Neuron-specific Enolase [HRP] |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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