# Product Datasheet

## Enolase 2/Neuron-specific Enolase Antibody (ENO2/1462) [PE/Cy5.5]

## NBP2-59603PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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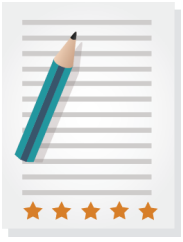

# NBP2-59603PECY55

Enolase 2/Neuron-specific Enolase Antibody (ENO2/1462) [PE/Cy5.5]

| Product Information | |
|---|---|
| **Unit Size** | 0.1 ml |
| **Concentration** | Please see the vial label for concentration. If unlisted please contact technical services. |
| **Storage** | Store at 4C in the dark. Do not freeze. |
| **Clonality** | Monoclonal |
| **Clone** | ENO2/1462 |
| **Preservative** | 0.05% Sodium Azide |
| **Isotype** | IgG2b Kappa |
| **Conjugate** | PE/Cy5.5 |
| **Purity** | Protein A or G purified |
| **Buffer** | PBS |

| Product Description | |
|---|---|
| **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 HuProtTM 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 phosphenolpyruvic 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 it be 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) |

| Product Application Details | |
|---|---|
| **Application Notes** | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions. |

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**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.

**For more information on our 100% guarantee, please visit www.novusbio.com/guarantee**

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