

# Product Datasheet

## **Enolase 2/Neuron-specific Enolase Antibody (ENO2/1462) [Alexa Fluor® 594] NBP2-59603AF594**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-59603AF594**

Enolase 2/Neuron-specific Enolase Antibody (ENO2/1462) [Alexa Fluor® 594]

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.
Clonality	Monoclonal
Clone	ENO2/1462
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	Alexa Fluor 594
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
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 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)

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<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-59603AF594**

NBP1-43317AF594	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b) [Alexa Fluor® 594]
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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