

# Product Datasheet

## Nitrotyrosine Antibody (HM.11) [Biotin] NB110-2023

Unit Size: 0.025 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB110-2023](http://www.novusbio.com/NB110-2023)

Updated 1/24/2021 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB110-2023](http://www.novusbio.com/reviews/destination/NB110-2023)



**NB110-2023**

Nitrotyrosine Antibody (HM.11) [Biotin]

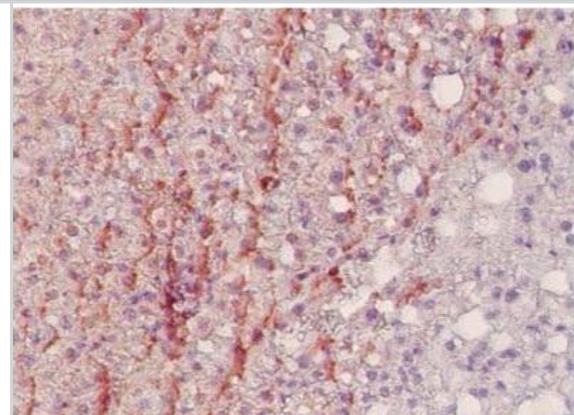
Product Information	
Unit Size	0.025 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	HM.11
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	10 mM Sodium Phosphate (pH 7.6), 0.25 M NaCl, and 15 mg/ml BSA

Product Description	
Host	Mouse
Species	Human
Specificity/Sensitivity	This highly specific monoclonal antibody HM.11 reacts with nitrotyrosine, both with the free amino acid as well as with proteins containing nitrotyrosine. The presence of nitrotyrosine has been detected in various inflammatory processes including atherosclerotic plaques. Nitrotyrosine is formed in tissues in presence of the active metabolite NO and is a stable end product of nitrosylation of tyrosine. Various pathways including the formation of peroxynitrite lead to nitrotyrosine production.
Immunogen	Nitrated KLH

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500

**Images**

Immunohistochemistry-Paraffin: Nitrotyrosine Antibody (HM11) [Biotin] [NB110-2023] - Nitrotyrosine in human liver of severely obese patients. Staining of paraffin tissue section with clone HM.11. Anti-nitrotyrosine at 2 ug/ml (1h, RT).





### **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  
novus@novusbio.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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB110-2023](http://www.novusbio.com/reviews/submit/NB110-2023)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

