

# Product Datasheet

## QPRT Antibody (5D11) - Azide and BSA Free H00023475-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

### Publications: 4

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/H00023475-M01](http://www.novusbio.com/H00023475-M01)

Updated 9/9/2025 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/H00023475-M01](http://www.novusbio.com/reviews/destination/H00023475-M01)



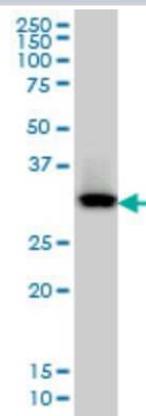
**H00023475-M01**

QPRT Antibody (5D11) - Azide and BSA Free

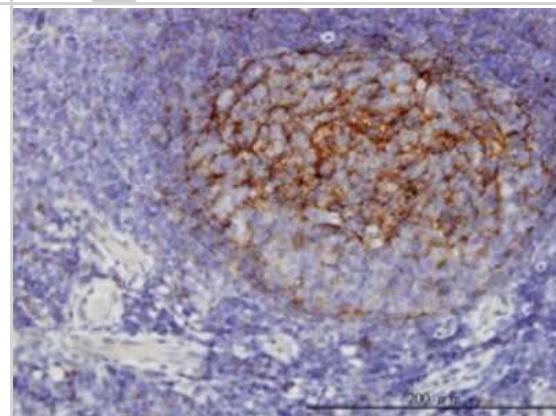
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	5D11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse QPRT Antibody (5D11) - Azide and BSA Free (H00023475-M01) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-QPRT Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	23475
<b>Gene Symbol</b>	QPRT
<b>Species</b>	Human, Avian
<b>Reactivity Notes</b>	Human. Other species not tested. Avian reactivity reported in scientific literature (PMID: 23761975)
<b>Specificity/Sensitivity</b>	QPRT - quinolinate phosphoribosyltransferase (nicotinate-nucleotide pyrophosphorylase (carboxylating))
<b>Immunogen</b>	QPRT (NP_055113, 198 a.a. ~ 297 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VEVECSSLQEAVQAAEAGADLVLLDNFKPEELHPTATVLKAQFPSVAVEASGGI TLDNLPQFCGPHIDVISMGMLTQAAPALDFSLKLFKEVAPVPKIH
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Sandwich ELISA
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.

## Images

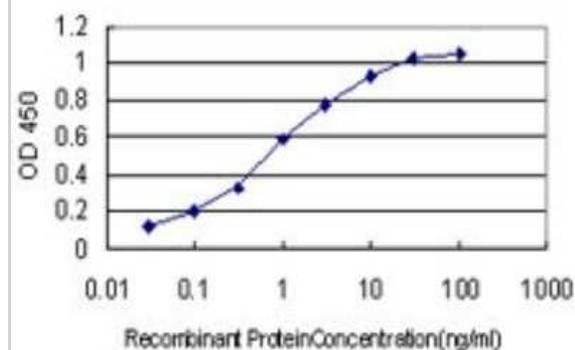
Western Blot: QPRT Antibody (5D11) [H00023475-M01] - QPRT monoclonal antibody (M01), clone 5D11 Analysis of QPRT expression in HepG2.



Immunohistochemistry-Paraffin: QPRT Antibody (5D11) [H00023475-M01] - Analysis of monoclonal antibody to QPRT on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



Sandwich ELISA: QPRT Antibody (5D11) [H00023475-M01] - Detection limit for recombinant GST tagged QPRT is approximately 0.03ng/ml as a capture antibody.



## Publications

Gayathri S, Chai L, Bruce B et al. Kynurenine Pathway Modulation Reverses the Experimental Autoimmune Encephalomyelitis Mouse Disease Progression. *J Neuroinflammation*. 2020-06-06 [PMID: 32505212]

Muniz-Lino MA, Rodriguez-Vazquez M, Chavez-Munguia B et al. Anti-apoptotic quinolinate phosphoribosyltransferase (QPRT) is a target gene of Wilms tumor gene 1 (WT1) protein in leukemic cells. *Biochem Biophys Res Commun* 2017-01-22 [PMID: 27889611]

Lim CK, Yap MM, Kent SJ et al. Characterization of the kynurenine pathway and quinolinic Acid production in macaque macrophages. *Int J Tryptophan Res*. 2013-01-01 [PMID: 23761975] (Avian)

Hinsch N, Frank M, Doring C et al. QPRT: a potential marker for follicular thyroid carcinoma including minimal invasive variant; a gene expression, RNA and immunohistochemical study. *BMC Cancer*. 26;9:93. 2009-03-26 [PMID: 19321014]



### **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 H00023475-M01**

---

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

---

### **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/H00023475-M01](http://www.novusbio.com/reviews/submit/H00023475-M01)

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

