

# Product Datasheet

## alpha 1-Acid Glycoprotein Antibody [HRP] NB100-2024-0.1mg

Unit Size: 0.1 mg

Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.

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



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

### Reviews: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-2024](http://www.novusbio.com/NB100-2024)

Updated 3/30/2022 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/NB100-2024](http://www.novusbio.com/reviews/destination/NB100-2024)



**NB100-2024-0.1mg**

alpha 1-Acid Glycoprotein Antibody [HRP]

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	LYOPH mg/ml
<b>Storage</b>	Store lyophilized antibody at 4C in the dark. Aliquot reconstituted liquid and store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Gentamicin Sulfate
<b>Reconstitution Instructions</b>	Reconstitute with 100 ul deionized water (or equivalent)
<b>Isotype</b>	IgG
<b>Conjugate</b>	HRP
<b>Purity</b>	Multi-step
<b>Buffer</b>	Lyophilized from 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Target Molecular Weight</b>	23.51 kDa

**Product Description**

<b>Description</b>	This antibody is purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5004
<b>Gene Symbol</b>	ORM1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross reactivity against alpha 1-Acid Glycoprotein from other sources is unknown
<b>Specificity/Sensitivity</b>	Assay by immunoelectrophoresis resulted in a single precipitin arc against purified and partially purified Alpha-1-Acid Glycoprotein [Human Plasma].
<b>Immunogen</b>	alpha 1-Acid Glycoprotein [Human Plasma] (Uniprot: P02763)
<b>Notes</b>	<p>This antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum as well as purified and partially purified a-1-Acid Glycoprotein [Human Plasma]</p> <p>Store vial at 4C prior to restoration. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p>

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:100-1:500, ELISA 1:1500, Immunohistochemistry 1:500-1:2500, Immunocytochemistry/Immunofluorescence 1:50-1:250, Immunohistochemistry-Paraffin 1:10-1:500

**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](mailto: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](mailto: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](mailto:info.EMEA@bio-techne.com)

**General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [technical@novusbio.com](mailto:technical@novusbio.com)  
Orders: [orders@novusbio.com](mailto:orders@novusbio.com)  
General: [novus@novusbio.com](mailto: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/NB100-2024](http://www.novusbio.com/reviews/submit/NB100-2024)

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