

# Product Datasheet

## Rat IgM Isotype Control NBP1-96776

Unit Size: 1 mg

Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.

[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/NBP1-96776](http://www.novusbio.com/NBP1-96776)

Updated 10/23/2024 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/NBP1-96776](http://www.novusbio.com/reviews/destination/NBP1-96776)



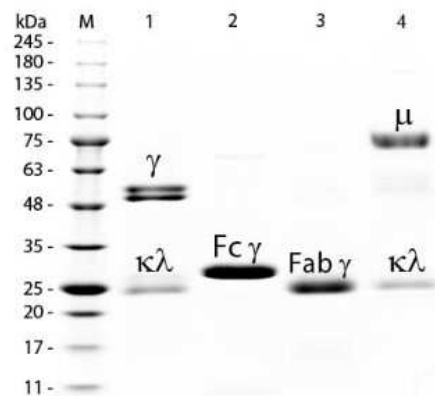
**NBP1-96776**

## Rat IgM Isotype Control

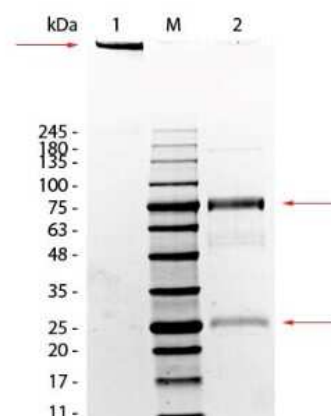
Product Information	
<b>Unit Size</b>	1 mg
<b>Concentration</b>	Please contact technical services for concentration.
<b>Storage</b>	Store at 4C short term. For extended storage, add an equal volume of glycerol, aliquot and store at -20C or below. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgM
<b>Purity</b>	Multi-step
<b>Buffer</b>	0.1 M Tris Chloride, 0.5 M Sodium Chloride, pH 8.0
Product Description	
<b>Description</b>	<p>This product was prepared from normal serum by a multi-step process which includes delipidation, selective precipitation and tandem molecular sieve chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rat Serum and anti-Rat IgM (u chain specific)</p> <p>Store vial at 4C prior to opening. This product is stable 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage mix with an equal volume of glycerol, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p>
<b>Host</b>	Rat
<b>Gene ID</b>	3507
<b>Gene Symbol</b>	IGHM
<b>Species</b>	Rat
<b>Specificity/Sensitivity</b>	No reaction was observed against anti-Rat IgG F(c). Some light chain cross-reactivity will occur with anti-Rat IgG.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, SDS-Page
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, ELISA, Immunohistochemistry 1:10 - 1:500, SDS-Page 1:100 - 1:2000
<b>Application Notes</b>	This product has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.

**Images**

SDS-Page: Rat IgM Isotype Control [NBP1-96776] - Lane M: 3 uL Opal Prestained Marker. Lane 1: Reduced Rat IgG Whole Molecule. Lane 2: Reduced Rat IgG F(c) Fragment. Lane 3: Reduced Rat IgG Fab Fragment. Lane 4: Reduced Rat IgM Whole Molecule. Load: 1 ug of IgG, F(c), Fab; 1.5 ug of IgM.



SDS-Page: Rat IgM Isotype Control [NBP1-96776] - Lane 1: Rat IgM, Non-Reduced. Lane 2: Rat IgM, Reduced. Load: 1.0 ug per lane.





### **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 NBP1-96776**

---

H00003507-P01-10ug	Recombinant Human IgM GST (N-Term) Protein
NB100-524	NOD2 Antibody (2D9) - BSA Free
NBP2-34253-0.1mg	IgM Antibody (IM260)
7268-CT-100	CTLA-4 [Unconjugated]

---

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls 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/NBP1-96776](http://www.novusbio.com/reviews/submit/NBP1-96776)

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

