

# Product Datasheet

## O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free NBP2-32233

Unit Size: 100 ul

Store at 4C. Do not freeze.

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



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

### Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-32233](http://www.novusbio.com/NBP2-32233)

Updated 2/23/2025 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/NBP2-32233](http://www.novusbio.com/reviews/destination/NBP2-32233)



**NBP2-32233**

O-GlcNAcase/OGA/MGEA5 Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

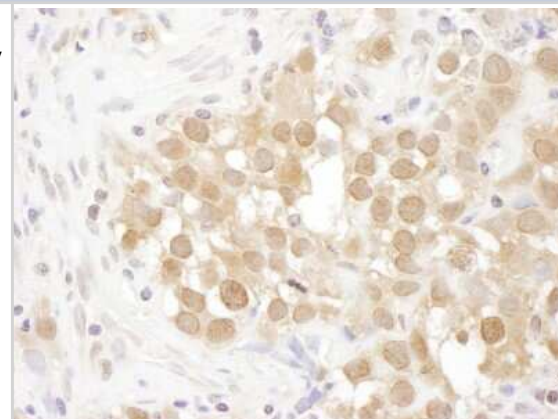
Product Description	
Host	Rabbit
Gene ID	10724
Gene Symbol	OGA
Species	Human
Immunogen	The immunogen this antibody was made to, maps to a region between residue 500 to 550 of human Meningioma Expressed Antigen 5 using the numbering given in entry NP_036347.1 (GeneID 10724).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunohistochemistry 1:1000 - 1:5000 , Immunoprecipitation 2 - 10 ug/mg lysate, Immunohistochemistry-Paraffin 1:500 - 1:2000
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

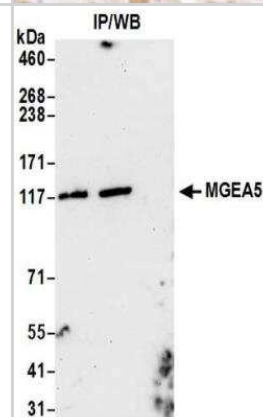


## Images

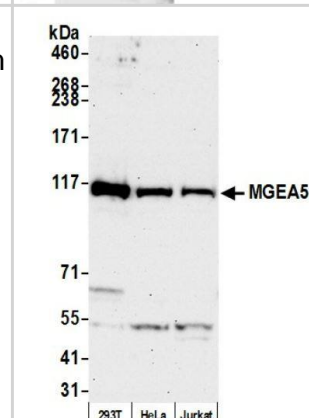
**Immunohistochemistry-Paraffin:** O-GlcNAcase/OGA/MGEA5 Antibody [NBP2-32233] - Section of human testicular seminoma. Antibody: Affinity purified rabbit anti- MGEA5 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



**Immunoprecipitation:** O-GlcNAcase/OGA/MGEA5 Antibody [NBP2-32233] - Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-MGEA5 antibody NBP2-32233 used for IP at 6 ug per reaction. MGEA5 was also immunoprecipitated by rabbit anti-MGEA5 antibody BL15772. For blotting immunoprecipitated MGEA5, NBP2-32233 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



**Western Blot-** O-GlcNAcase/OGA/MGEA5 Antibody [NBP2-32233] - Human MGEA5 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, HeLa, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MGEA5 antibody used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.



## Publications

Pagesy P, Bouaboud A, Feng Z et al. Short O-GlcNAcase Is Targeted to the Mitochondria and Regulates Mitochondrial Reactive Oxygen Species Level Cells 2022-06-02 [PMID: 35681522] (WB, Mouse, Human)

Al-Mukh, H, Baudoin, L Et al. Lipopolysaccharide Induces GFAT2 Expression to Promote O-Linked beta -N-Acetylglucosaminylation and Attenuate Inflammation in Macrophages. J Immunol 2020-11-01 [PMID: 32978282] (Chemotaxis, Human)



### **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 NBP2-32233**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-57562PEP	O-GlcNAcase/OGA/MGEA5 Recombinant Protein Antigen

---

### **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/NBP2-32233](http://www.novusbio.com/reviews/submit/NBP2-32233)

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

