

# Product Datasheet

## Glycophorin A Antibody (M2A1) [DyLight 755] NBP2-81107IR

Unit Size: 0.1 ml

Store at 4C in the dark.

[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/NBP2-81107IR](http://www.novusbio.com/NBP2-81107IR)

Updated 7/11/2023 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/NBP2-81107IR](http://www.novusbio.com/reviews/destination/NBP2-81107IR)



**NBP2-81107IR**

Glycophorin A Antibody (M2A1) [DyLight 755]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M2A1
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	DyLight 755
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	2993
<b>Gene Symbol</b>	GYPA
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	M2A1 binds specifically to the M antigen on human erythrocytes, and shows no reactivity to N antigen. The epitope for this antibody includes the amino-terminal serine residue and sialic acid residues of glycophorin A. The reactivity of M2A1 for M antigen is pH- and salt-dependent (optimum ~ pH8-9). Blood group antigen M is located on the major sialoglycoprotein (glycophorin A) of red blood cells.
<b>Immunogen</b>	M2A1 was prepared by immunizing BALB/c mice with human red blood cells of the M phenotype, and was screened by testing for anti-M activity.
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Functional (Inhibition), Immunoblotting
<b>Recommended Dilutions</b>	ELISA, Immunoblotting, Functional (Inhibition)
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



### **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 NBP2-81107IR**

---

NBP2-59660-50ug	Recombinant Human Glycophorin A His Protein
210-TA-005	TNF-alpha [Unconjugated]
H00002993-T02	Glycophorin A 293T Cell Transient Overexpression Lysate
NB100-417	Carbonic Anhydrase IX/CA9 Antibody - BSA Free

---

### **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/NBP2-81107IR](http://www.novusbio.com/reviews/submit/NBP2-81107IR)

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

