

# Product Datasheet

## MHC Class I Antibody (2G5) [DyLight 488] NB100-65938G

Unit Size: 0.125 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/NB100-65938G](http://www.novusbio.com/NB100-65938G)

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/NB100-65938G](http://www.novusbio.com/reviews/destination/NB100-65938G)



**NB100-65938G**

MHC Class I Antibody (2G5) [DyLight 488]

Product Information	
Unit Size	0.125 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	2G5
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	DyLight 488
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	3133
Gene Symbol	HLA-E
Species	Mouse
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. Chinese Hamster reactivity reported in scientific literature (PMID: 30441765).
Specificity/Sensitivity	NB100-65938 recognizes a monomorphic epitope on the mouse MHC class I antigen. The epitope recognized by clone 2G5 is conformation dependent and is reported to be phylogenetically conserved. Reactivity has been observed with some canine samples suggesting that this antibody may recognize a polymorphic epitope of canine MHC class 1.
Immunogen	Purified H-2Kb and H-2Db MHC-I molecules
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunoprecipitation





### **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 NB100-65938G**

---

NBP2-27231G	Mouse IgG2b Isotype Control (MPC-11) [DyLight 488]
NB100-65938UV	MHC Class I Antibody (2G5) [DyLight 350]
210-TA-005	TNF-alpha [Unconjugated]
H00003133-T01	MHC Class I 293T Cell Transient Overexpression Lysate

---

### **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/NB100-65938G](http://www.novusbio.com/reviews/submit/NB100-65938G)

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

