

Product Datasheet

MHC Class I Antibody (2G5) [FITC] NB100-64212

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

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NB100-64212

MHC Class I Antibody (2G5) [FITC]

Product Information	
Unit Size	0.1 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2G5
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Conjugate	FITC
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3133
Gene Symbol	HLA-E
Species	Mouse
Reactivity Notes	Predicted cross-reactivities: Sheep, Rat, Human, Guinea Pig, Hamster, Bovine, Porcine 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.
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
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry Neat-1:5
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 10 ⁶ cells in 10 ul.

Publications

Jung M, Shin MK, Cha SB et al. Supplementation of dietary germanium biotite enhances induction of the immune responses by foot-and-mouth disease vaccine in cattle BMC Vet Res 2014-08-12 [PMID: 25255918] (FLOW, Bovine)

Details:

This citation used the FITC version of this antibody.





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 NB100-64212

NBP2-27229	Mouse IgG2b Isotype Control (MPC-11) [FITC]
210-TA-005	TNF-alpha [Unconjugated]
H00003133-T01	MHC Class I 293T Cell Transient Overexpression Lysate
6507-IL-010/CF	IL-4 [Unconjugated]

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.

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