

Product Datasheet

MHC Class I Antibody (2G5) [Biotin] NB100-64211

Unit Size: 0.1 mg

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

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NB100-64211

MHC Class I Antibody (2G5) [Biotin]

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	Biotin
Purity	Protein G purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	3133
Gene Symbol	HLA-E
Species	Human, Mouse, Rat, Porcine, Bovine, Chinese Hamster, Guinea Pig, Hamster, Sheep
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.
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry Neat-1:10
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 10 ⁶ cells in 10 ul.





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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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