

Product Datasheet

MHC Class I Antibody (MEM-E/02) - BSA Free NB500-304

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB500-304

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB500-304



NB500-304

MHC Class I Antibody (MEM-E/02) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-E/02
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

Product Description	
Description	Novus Biologicals Mouse MHC Class I Antibody (MEM-E/02) - BSA Free (NB500-304) is a monoclonal antibody validated for use in IHC and WB. Anti-MHC Class I Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3133
Gene Symbol	HLA-E
Species	Human, Primate
Specificity/Sensitivity	The antibody MEM-E/02 specifically reacts with denatured heavy chain of human HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on the surface of all human cell types.
Immunogen	Recombinant human HLA-E denatured heavy chain.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 5-10 ug/ml
Application Notes	Predicted molecular weight: 43 kDa. Immunohistochemistry-Paraffin Heat antigen retrieval (sodium citrate); incubation with mAb: 1 hour / RT; detection DAB

Publications

Ye SB, Li ZL, Luo DH et al. Tumor-derived exosomes promote tumor progression and T-cell dysfunction through the regulation of enriched exosomal microRNAs in human nasopharyngeal carcinoma. *Oncotarget* 2014-06-19 [PMID: 24978137] (WB, Human)

Details:
MHC Class I antibody used for WB on human nasopharyngeal carcinoma/NPC tumor cells and NPC-derived exosomes (Fig. S1).

Mavilio, D, Lombardo, G, Kinter, A, Fogli, M, La Sala, A, Ortolano, S, Farschi, A, Follmann, D, Gregg, R, Kovacs, C, Marcenaro, E, Pende, D, Moretta, A, Fauci, A S. Characterization of the defective interaction between a subset of natural killer cells dendritic cells in HIV-1 infection, . 203, 2339-2350. 2006-01-01 [PMID: 17000867]





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 NB500-304

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB500-304

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

