

# Product Datasheet

## MHC Class I Antibody (MEM-E/08) - BSA Free NB500-305

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NB500-305**

MHC Class I Antibody (MEM-E/08) - BSA Free

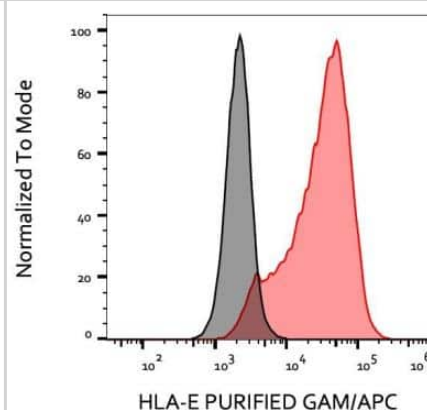
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-E/08
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4

Product Description	
Description	Novus Biologicals Mouse MHC Class I Antibody (MEM-E/08) - BSA Free (NB500-305) is a monoclonal antibody validated for use in Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3133
Gene Symbol	HLA-E
Species	Human
Specificity/Sensitivity	This antibody (clone MEM-E/08) recognized native surface-expressed HLA-E, but not denaturated heavy chain of HLA-E. HLA-E belongs to the MHC Class I molecules (MHC Class Ib; nonclassical) and it is expressed on many types of the human cells. The results revealed that antibody is remarkably specific for HLA-E, only with weak cross-reactivity with following classical MHC Class I molecules (MHC Class Ia): HLA-A24, -B7, -B27, -B51, -B54, -C7.
Immunogen	Bacterially expressed recombinant HLA-E refolded with beta2-microglobulin and peptide.

Product Application Details	
Applications	Flow Cytometry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 4 ug/ml, Immunoprecipitation 1:50, CyTOF-ready
Application Notes	This antibody is Cytof ready.

**Images**

Flow Cytometry: MHC Class I Antibody (MEM-E/08) [NB500-305] - Flow cytometry analysis (surface staining) of HLA-E-transfectants with anti-HLA-E (MEM-E/08) purified, GAM-APC



## Publications

Sibilio L et al. Tissue Antigens 62, 339, 2003. (Abstract 45 from the 3rd Int Conference on HLA-G, Paris, ).





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### Products Related to NB500-305

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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)
210-TA-005	TNF-alpha [Unconjugated]

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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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