

# Product Datasheet

## MHC Class I Antibody (MEM-E/06) [Alexa Fluor® 647] NB500-307AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-307AF647**

MHC Class I Antibody (MEM-E/06) [Alexa Fluor® 647]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MEM-E/06
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Conjugate</b>	Alexa Fluor 647
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3133
<b>Gene Symbol</b>	HLA-E
<b>Species</b>	Human, Primate
<b>Specificity/Sensitivity</b>	This antibody (clone MEM-E/06) 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. Some resultss showed that this antibody cross-reacts with some classical MHC Class I molecules (HLA-A3, -A11, -B7). However, others have confirmed that this antibody exhibits much broader cross-reactivity classical MHC Class I antigens, namely with HLA-A24, -A32, -B8, -B15, -B27, -B35, -B44, -B54, -C3, -C4, -C5, -C7.
<b>Immunogen</b>	Bacterially expressed recombinant full length protein refolded with beta2-microglobulin and peptide (Human).
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<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, CyTOF-ready





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### **Products Related to NB500-307AF647**

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NBP1-97005AF647	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647]
NB500-307AF700	MHC Class I Antibody (MEM-E/06) [Alexa Fluor® 700]
210-TA-005	TNF-alpha [Unconjugated]
H00003133-T01	MHC Class I 293T Cell Transient Overexpression Lysate

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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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