

# Product Datasheet

## HLA Class I Antibody (MEM-123) - BSA Free NB500-505

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NB500-505****HLA Class I Antibody (MEM-123) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	MEM-123
<b>Preservative</b>	15mM Sodium Azide
<b>Isotype</b>	IgG3
<b>Purity</b>	Protein A purified
<b>Buffer</b>	Tris buffered saline (TBS), pH 8.0

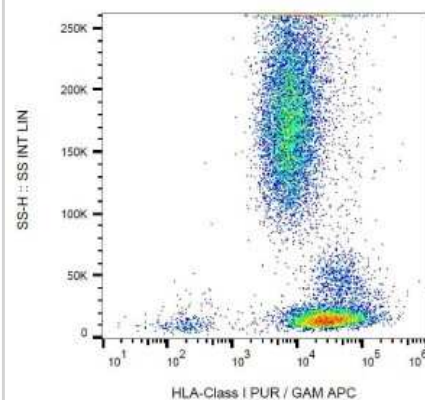
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse HLA Class I Antibody (MEM-123) - BSA Free (NB500-505) is a monoclonal antibody validated for use in ELISA, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3105
<b>Gene Symbol</b>	HLA-A
<b>Species</b>	Human, Bovine, Primate
<b>Specificity/Sensitivity</b>	This antibody (clone MEM-123) reacts with all human classical MHC Class I molecules (major histocompatibility complex) in native cell-surface forms as well as with human HLA-G cDNA transfected cells. MHC Class I molecules (MHC Class Ia) are expressed on the surface of all human cell types. This antibody completely blocks binding of classical W6/32 to surface-expressed HLA-G, but does not cross-blocks This antibody MEM-G/9.
<b>Immunogen</b>	COS-7 African green monkey kidney cells

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry 4 ug/ml, ELISA 1:2000, Immunoprecipitation 1:50, CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

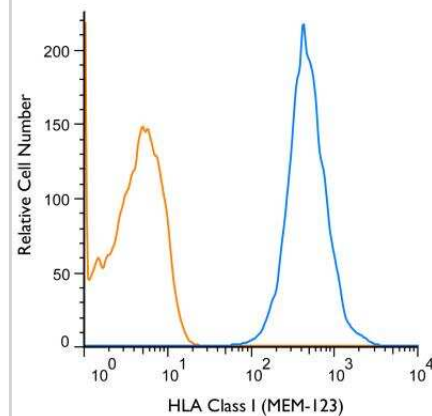


## Images

Flow Cytometry: HLA Class I Antibody (MEM-123) [NB500-505] - Surface staining of human peripheral blood with anti-HLA-class I (MEM-123) purified, GAM-APC.



Flow Cytometry: HLA Class I Antibody (MEM-123) [NB500-505] - A surface stain was performed on human peripheral blood lymphocytes with HLA Class I (MEM-123) antibody NB500-505 (blue) and a matched isotype control (orange). Cells were incubated in an antibody dilution of 1 ug/mL for 20 minutes at room temperature, followed by mouse F(ab)2 IgG (H+L) APC-conjugated secondary antibody (F0101B, R&D Systems).





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### **Products Related to NB500-505**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96777	Mouse IgG3 Isotype Control (MG3)
NB500-505AF647	HLA Class I Antibody (MEM-123) [Alexa Fluor® 647]

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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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