

# Product Datasheet

## MHC Class II Antibody (M5/114) [PE] NBP2-21789PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-21789PE**

MHC Class II Antibody (M5/114) [PE]

<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>	M5/114
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	PE
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Rat
<b>Gene ID</b>	3108
<b>Gene Symbol</b>	HLA-DMA
<b>Species</b>	Mouse, Rat
<b>Reactivity Notes</b>	Use in Rat reported in scientific literature (PMID:34166814).
<b>Specificity/Sensitivity</b>	The rat monoclonal antibody M5/114 reacts with murine MHC class II glycoproteins. It recognizes a shared determinant on I-Ab, I-Ad, I-Aq, and I-Ed, I-Ek alloantigens, but it does not react with I-Af, I-Ak, I-As. This antibody can inhibit I-A-restricted T cell responses of the H-2b, H-2d, H-2q, H-2u but not H-2f, H-2k, H-2s haplotypes.
<b>Immunogen</b>	Activated C57BL/6 mouse spleen cells
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Functional, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP2-21789PE**

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664-LI-025	LIGHT/TNFSF14 [Unconjugated]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum
AF3398	Catalase Antibody [Unconjugated]
NB200-541	Complement C4b/d Antibody (16D2)

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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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