

Product Datasheet

MHC Class II Antibody (M5/114) [Alexa Fluor™ Plus 647] NBP2-21789AFP647

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 4/12/2026 v.20.1

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NBP2-21789AFP647

MHC Class II Antibody (M5/114) [Alexa Fluor™ Plus 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	M5/114
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Alexa Fluor Plus 647
Purity	Protein G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rat
Gene ID	3108
Gene Symbol	HLA-DMA
Species	Mouse, Rat
Reactivity Notes	Use in Rat reported in scientific literature (PMID:34166814).
Specificity/Sensitivity	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.
Immunogen	Activated C57BL/6 mouse spleen cells
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Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Functional, CyTOF-ready



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP2-21789AFP647

664-LI-025	LIGHT/TNFSF14 [Unconjugated]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum
AF3398	Catalase Antibody [Unconjugated]
NBP1-89296	ASAH1 Antibody - BSA Free

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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