

Product Datasheet

MHC class II (I-A/I-E) Antibody (M5/114.15.2) [PE/Cy5.5] NBP1-43312PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP1-43312PECY55

MHC class II (I-A/I-E) Antibody (M5/114.15.2) [PE/Cy5.5]

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	M5/114.15.2
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Conjugate	PE/Cy5.5
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Host	Rat
Gene ID	100504404
Gene Symbol	H2-Ea
Species	Human, Mouse
Reactivity Notes	Use in Human reported in scientific literature (PMID:29990503).
Specificity/Sensitivity	The monoclonal antibody reacts with the mouse major histocompatibility complex class II, both I-A and I-E subregion-encoded glycoproteins (I-A b, I-A d, I-A q, I-E d, I-E k, not I-A f, I-A k, or I-A s). It detects a polymorphic determinant present on B cells, monocytes, macrophages, dendritic cells, and activated T lymphocytes from mice carrying the H-2 b, H-2 d, H-2 q, H-2 p, H-2 r and H-2 u but not from mice carrying the H-2 s or H-2 f haplotypes. The M5/114 mAb is reported to inhibit I-A-restricted T cell responses of the H-2 b, H-2 d, H-2 q, H-2 u but not H-2 f, H-2 k, or H-2 s haplotypes.
Immunogen	The immunogen for this antibody was MHC Class II.

Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at technical@novusbio.com if you have any questions.





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Products Related to NBP1-43312PECY55

210-TA-005	TNF-alpha [Unconjugated]
485-MI-100	IFN-gamma [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
NBP1-19371	CD4 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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