

Product Datasheet

MHC Class II Antibody (ER-TR2) - BSA Free NB100-64959

Unit Size: 0.125 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-64959

MHC Class II Antibody (ER-TR2) - BSA Free

Product Information	
Unit Size	0.125 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ER-TR2
Preservative	0.09% Sodium Azide
Isotype	IgG2b
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Rat
Gene ID	3108
Gene Symbol	HLA-DMA
Species	Mouse
Specificity/Sensitivity	NB100-64959 recognizes a polymorphic determinant on the murine MHC (major histocompatibility complex) class II molecule. In the mouse, MHC class II molecules are expressed by dendritic cells, B-cells and macrophages. In thymus tissues, clone ER-TR2 stains cortical and medullary stromal cells. Clone ER-TR2 specifically recognizes mouse strains with the haplotypes I-A k,s,r. Mouse strains with the haplotypes I-A b,d,q,f are not recognized by this antibody.
Immunogen	Isolated C3H thymic stromal cells
Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Flow Cytometry 1:100-1:200, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Use in ICC/IF was reported in scientific literature (PMID: 23750207).

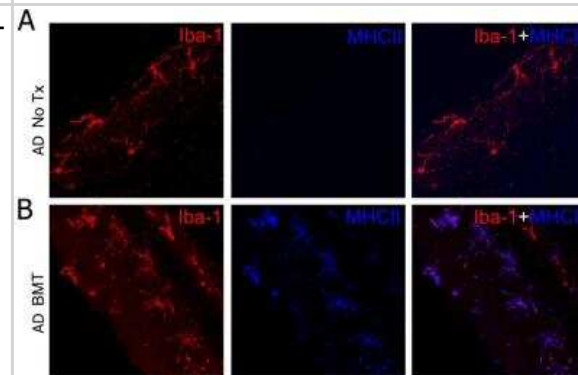


Images

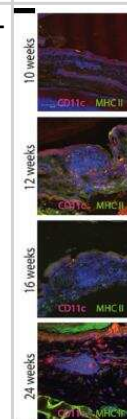
Immunocytochemistry/Immunofluorescence: MHC Class II Antibody (ER-TR2) [NB100-64959] - Staining of MHC II in conjunctiva associated lymphoid tissue in mice reared in a pathogen free environment for the purposed of comparing with mice reared in standard living conditions. [PMID: 24376530]



Immunocytochemistry/Immunofluorescence: MHC Class II Antibody (ER-TR2) [NB100-64959] - Comparison of MHC II levels in retinal microglia from mice without transplanted GFP+ BM Cells (panel A) and from mice with transplanted GFP+ BM cells. [PMID: 23750207]



Immunocytochemistry/Immunofluorescence: MHC Class II Antibody (ER-TR2) [NB100-64959] - Staining of MHC II in conjunctiva associated lymphoid tissue in mice kept in standard living conditions for the purpose of comparing to MHC II expression over time in mice kept in pathogen free environment. [PMID: 24376530]



Publications

Siebelmann S, Gehlsen U, Httmann G et al. Development, Alteration and Real Time Dynamics of Conjunctiva-Associated Lymphoid Tissue. PLoS One 2013-12-20 [PMID: 24376530] (IF/IHC, ICC/IF, Mouse)

Yang Y, Shiao C, Hemingway JF et al. Suppressed Retinal Degeneration in Aged Wild Type and APP^{swe}/PS1^{deltaE9} Mice by Bone Marrow Transplantation. PLoS One 2013-06-04 [PMID: 23750207] (IHC-Fr, ICC/IF, Mouse)



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Products Related to NB100-64959

HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
F0105B	Goat anti-Rat IgG Secondary Antibody [Phycoerythrin]
DDXCR03	Rat IgG2b Isotype Control
664-LI-025	LIGHT/TNFSF14 [Unconjugated]

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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