

# Product Datasheet

## MHC Class II Antibody (ER-TR2) [Alexa Fluor® 700] NB100-64959AF700

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB100-64959AF700**

MHC Class II Antibody (ER-TR2) [Alexa Fluor® 700]

Product Information	
Unit Size	0.125 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	ER-TR2
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	Alexa Fluor 700
Purity	Protein G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rat
Gene ID	3108
Gene Symbol	HLA-DMA
Species	Mouse
Reactivity Notes	0
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
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a>. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-64959AF700**

IC013N	Rat IgG2b Isotype Control (141945) [Alexa Fluor® 700]
664-LI-025	LIGHT/TNFSF14 [Unconjugated]
MAB1455	Albumin Antibody (188835) [Unconjugated] - Serum
AF3398	Catalase Antibody [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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