

# Product Datasheet

## MHC Class II Antibody (ER-TR2) [Alexa Fluor® 532] NB100-64959AF532

Unit Size: 0.125 ml

Store at 4C in the dark.

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**NB100-64959AF532**

MHC Class II Antibody (ER-TR2) [Alexa Fluor® 532]

| 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 532   |
| 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                   | 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. |

**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 NB100-64959AF532**

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|            |  |
|------------|--|
| 664-LI-025 | LIGHT/TNFSF14 [Unconjugated]                     |
| MAB1455    | Albumin Antibody (188835) [Unconjugated] - Serum |
| AF3398     | Catalase Antibody [Unconjugated]                 |
| NBP2-32691 | GSTO1 Antibody                                   |

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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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