

Product Datasheet

MHC Class II RT1Bu Antibody (OX-3) [DyLight 755] NB100-65011IR

Unit Size: 0.25 ml

Store at 4C in the dark.

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NB100-65011IR

MHC Class II RT1Bu Antibody (OX-3) [DyLight 755]

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.25 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 | OX-3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | DyLight 755 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Description | 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. |
| Host | Mouse |
| Gene ID | 3123 |
| Gene Symbol | HLA-DRB1 |
| Species | Rat |
| Reactivity Notes | Reacts with Rat. Cross reacts with Mouse. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| Specificity/Sensitivity | NB100-65011 recognizes a polymorphic determinant of rat Ia antigen (RT1Bu) present on Lewis, Wistar and AO strain rats but not BN, DA or PVG/c strains (1,2). This antibody is useful for distinguishing Ia positive cells from different rat strains, e.g. for recognizing cells of donor origin in bone marrow reconstituted radiation chimaeras (3,4). MRC OX-3 cross reacts with mouse strains of MHC haplotypes b and s, and analysis of recombinant mouse strains showed that the determinants mapped to the I-A region. NB100-65011 recognizes Ia antigens on B-cells, dendritic cells and certain epithelial cells (1,3,4). This product is routinely tested in flow cytometry on Lewis rat splenocytes. |
| Immunogen | Rat thymocyte membrane glycoproteins |
| Notes | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. |
| Product Application Details | |
| Applications | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |





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Products Related to NB100-65011IR

| | |
|---------------|--|
| NBP1-97005IR | Mouse IgG1 Isotype Control (MG1) [DyLight 755] |
| NB100-65011UV | MHC Class II RT1Bu Antibody (OX-3) [DyLight 350] |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 285-IF-100 | IFN-gamma [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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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