

# Product Datasheet

## MHC Class II RT1B Antibody (OX-6) [DyLight 594] NB100-65541DL594

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-65541DL594**

MHC Class II RT1B Antibody (OX-6) [DyLight 594]

| 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-6   |
| Preservative                | 0.05% Sodium Azide   |
| Isotype                     | IgG1   |
| Conjugate                   | DyLight 594  |
| Purity                      | Protein G purified   |
| Buffer                      | 50mM Sodium Borate   |
| Product Description         |  |
| Host                        | Mouse  |
| Gene ID                     | 24738  |
| Gene Symbol                 | RT1-B  |
| Species                     | Mouse, Rat   |
| Reactivity Notes            | 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     | NB100-65541 recognizes a monomorphic determinant of the rat I-A antigen present on B lymphocytes, dendritic cells, some macrophages and certain epithelial cells. This antibody cross reacts with certain mouse strains of MHC haplotypes k and s. This antibody does not react with C57BL6 or C57BL6/j mice because they are haplotype b. Analysis of recombinant mouse strains showed that the determinants mapped to the I-A region. The clone does not react with Rat BDIX strain. Please be aware of the possible size variance seen in western blot. |
| Immunogen                   | Rat thymocyte membrane glycoproteins   |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |
| Product Application Details |  |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready, Immunohistochemistry Free-Floating  |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunohistochemistry Free-Floating, CyTOF-ready  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |





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### **Products Related to NB100-65541DL594**

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|                 |  |
|-----------------|--|
| NBP1-97005DL594 | Mouse IgG1 Isotype Control (MG1) [DyLight 594] |
| NB110-89474     | CD11b Antibody - BSA Free                      |
| NB120-6405      | MHC Class I Antibody (OX18) - BSA Free         |
| AF1730          | Integrin beta 2/CD18 Antibody [Unconjugated]   |

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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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