

# Product Datasheet

## CD2 Antibody (OX-34) [PE]

### NB100-65228PE

Unit Size: 0.25 ml

Store at 4C in the dark.

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**NB100-65228PE**

CD2 Antibody (OX-34) [PE]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.25 ml   |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | OX-34   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG2a   |
| <b>Conjugate</b>                   | PE  |
| <b>Purity</b>                      | Protein G purified  |
| <b>Buffer</b>                      | PBS   |
| <b>Product Description</b>         |   |
| <b>Description</b>                 | 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.   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 914   |
| <b>Gene Symbol</b>                 | CD2   |
| <b>Species</b>                     | Rat   |
| <b>Specificity/Sensitivity</b>     | NB100-65228 recognizes the rat CD2 cell surface antigen, a 50-54kD glycoprotein expressed by thymocytes and mature T cells. * Whiteland, J.L. et al. (1995). Immunohistochemical Detection of T-Cell Subsets and other Leucocytes in Paraffin-embedded Rat and Mouse Tissues with Monoclonal Antibodies. J. Histochem. Cytochem. 43: 313-320. |
| <b>Immunogen</b>                   | Activated rat T helper cells  |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation  |
| <b>Recommended Dilutions</b>       | Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |



## Images

CD2 Antibody (OX-34) [PE] [NB100-65228PE] - Vial of PE conjugated antibody. PE has two excitation maxima, 498 nm excited by the Blue laser (488 nm) and 565 nm excited by the Yellow-Green laser (561 nm). Both result in emission at 578 nm.



PE

| LASER (nm) | FILTER |
|------------|--------|
| Blue (488) | 582/15 |
| Y-G (561)  |        |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 498                 | 578               |
| 565                 |                   |



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### **Products Related to NB100-65228PE**

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|                 |                                   |
|-----------------|-----------------------------------|
| NBP2-59526-50ug | Recombinant Human CD2 His Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]          |
| 1856-CD-050     | CD2 [Unconjugated]                |
| 6507-IL-010/CF  | IL-4 [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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