

# Product Datasheet

## CD52 Antibody (HI186) [PE/Cy7] NB500-311PECY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB500-311PECY7**

CD52 Antibody (HI186) [PE/Cy7]

| <b>Product Information</b>         |  |
|------------------------------------|--|
| <b>Unit Size</b>                   | 0.1 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. Do not freeze.  |
| <b>Clonality</b>                   | Monoclonal   |
| <b>Clone</b>                       | HI186  |
| <b>Preservative</b>                | 0.05% Sodium Azide   |
| <b>Isotype</b>                     | IgG2a  |
| <b>Conjugate</b>                   | PE/Cy7   |
| <b>Purity</b>                      | Protein A purified   |
| <b>Buffer</b>                      | PBS  |
| <b>Product Description</b>         |  |
| <b>Host</b>                        | Mouse  |
| <b>Gene ID</b>                     | 1043   |
| <b>Gene Symbol</b>                 | CD52   |
| <b>Species</b>                     | Human  |
| <b>Specificity/Sensitivity</b>     | The antibody HI186 reacts with CD52 (CAMPATH-1), a 21-28 kDa glycoprotein containing a large N-linked carbohydrate moiety; mature CD52 molecule is actually much smaller (approx. 8-9 kDa). CD52 is expressed at high levels on lymphocytes, monocytes/macrophages and in male reproductive tract. HLDA VI; WS Code BP 523 HLDA VI; WS Code T 6T-057   |
| <b>Immunogen</b>                   | Human tonsil (NM_001803.2).  |
| <b>Product Application Details</b> |  |
| <b>Applications</b>                | Flow Cytometry   |
| <b>Recommended Dilutions</b>       | Flow Cytometry   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions. |





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### **Products Related to NB500-311PECY7**

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|                 |   |
|-----------------|---|
| NBP2-61993-20ug | Recombinant Human CD52 hIgG-His Protein |
| 210-TA-005      | TNF-alpha [Unconjugated]                |
| 9116-CD-050     | CD52 [Unconjugated]                     |
| 202-IL-010      | IL-2 [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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