

# Product Datasheet

## **Siglec-3/CD33 Antibody (hP67.6 (Gemtuzumab)) [PE/Cy7] - Chimeric NBP2-75906PECY7**

Unit Size: 0.1 ml

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

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**NBP2-75906PECY7**

Siglec-3/CD33 Antibody (hP67.6 (Gemtuzumab)) [PE/Cy7] - Chimeric

| <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>                       | hP67.6 (Gemtuzumab)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG Kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Conjugate</b>                   | PE/Cy7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host</b>                        | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Gene ID</b>                     | 945                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Gene Symbol</b>                 | CD33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Specificity/Sensitivity</b>     | Recognises human CD33.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Immunogen</b>                   | Gemtuzumab was generated by humanization of the murine P67.6 clone, raised against CD33-transfected FMY9S5 cells of human origin. CD33 is a transmembrane receptor expressed on predominantly on cells of the myeloid lineage, but it can also be found on some lymphoid cells.                                                                                                                                                                                                                                                                |
| <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 NBP2-75906PECY7**

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|               |                                             |
|---------------|---------------------------------------------|
| NBP2-32709PEP | Siglec-3/CD33 Recombinant Protein Antigen   |
| DC140         | CD14 [HRP]                                  |
| 1137-SL-050   | Siglec-3/CD33 [Unconjugated]                |
| AF3667        | Myeloperoxidase/MPO 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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