

# Product Datasheet

## Siglec-3/CD33 Antibody (WM53) [PE/Cy7] NBP2-34511PECY7

Unit Size: 0.1 ml

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

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### Publications: 1

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**NBP2-34511PECY7**

Siglec-3/CD33 Antibody (WM53) [PE/Cy7]

**Product Information**

<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>	WM53
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	PE/Cy7
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	PBS

**Product Description**

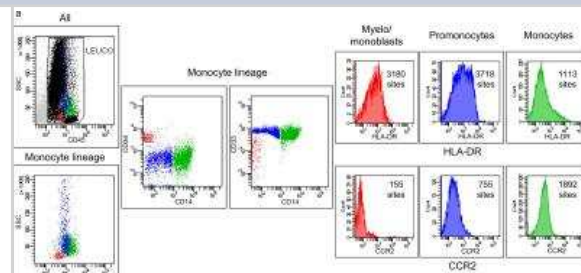
<b>Host</b>	Mouse
<b>Gene ID</b>	945
<b>Gene Symbol</b>	CD33
<b>Species</b>	Human
<b>Immunogen</b>	Human AML cells

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, CyTOF-ready
<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.

**Images**

Flow Cytometry: Siglec-3/CD33 Antibody (WM53) [PE/Cy7] [NBP2-34511PECY7] - Monocyte differentiation stages characterized by CD45, CD34, CD33 (NBP2-34511PECY7) and CD14 expression. HLA-DR and CCR2 expression were measured in each stage and expressed as the number of sites per cell. A) example of FACs analysis for monocyte differentiation (red: myelo/monoblasts, blue: promonocytes, green: monocytes), and the HLA-DR and CCR2 expression levels in each stage. Image collected and cropped by CiteAb from the following publication ([//pubmed.ncbi.nlm.nih.gov/27893741/](https://pubmed.ncbi.nlm.nih.gov/27893741/)) licensed under a CC-BY license.



## Publications

Faivre V, Lukaszewicz A. C, et al. Downregulation of Blood Monocyte HLA-DR in ICU Patients Is Also Present in Bone Marrow Cells. PLoS One 2016-11-29 [PMID: 27893741] (FLOW, Human)





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### **Products Related to NBP2-34511PECY7**

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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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