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## Product Datasheet

### **CD33 / SIGLEC3 (Myeloid Cell Surface Antigen) Antibody, IgG1, Clone: [WM53], Mouse, Monoclonal NBT-945-MSM1-PE-100T**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | CD33 / SIGLEC3 (Myeloid Cell Surface Antigen) Antibody, IgG1, Clone: [WM53], Mouse, Monoclonal                                                                                                                                                                |
| Biozol Catalog Number      | NBT-945-MSM1-PE-100T                                                                                                                                                                                                                                          |
| Supplier Catalog Number    | 945-MSM1-PE-100T                                                                                                                                                                                                                                              |
| Alternative Catalog Number | NBT-945-MSM1-PE-100T-0.5,NBT-945-MSM1-PE-100T-500                                                                                                                                                                                                             |
| Manufacturer               | NeoBiotechnologies                                                                                                                                                                                                                                            |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, Functional Studies, IF                                                                                                                                                                                                                                    |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Human AML cells                                                                                                                                                                                                                                               |
| Product Description        | Recognizes a 67kDa glycoprotein, which is identified as CD33 (HLDA IV, WS Code M-505). CD33 is a transmembrane protein of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. It belongs to the immuno-receptor tyrosine-based inhibitory ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [WM53]                                                                                                                                                                                                                                                        |
| Molecular Weight           | ~67kDa                                                                                                                                                                                                                                                        |
| Isotype                    | IgG1                                                                                                                                                                                                                                                          |

|                   |                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI              | <a href="#">945</a>                                                                                                                                                                   |
| UniProt           | <a href="#">P20138</a>                                                                                                                                                                |
| Form              | 200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.                |
| Antibody Type     | Monoclonal Antibody                                                                                                                                                                   |
| Application Notes | Flow Cytometry: 5ul per test per one million cells (or 5ul per 100ul of whole blood),Immunofluorescence (1:50-1:100)Optimal dilution for a specific application should be determined. |