

## CD33

### Mouse Anti-Human CD33 (Clone WM53) FITC mAb

|                                 |  |                  |           |
|---------------------------------|--|------------------|-----------|
| <b>Catalog No.</b>              | CMH010   | <b>Quantity:</b> | 100 tests |
| <b>Alternate Names:</b>         | Myeloid cell surface antigen CD33, Sialic acid-binding Ig-like lectin 3, Siglec-3, gp67, CD33  |                  |           |
| <b>Description:</b>             | The monoclonal antibody recognizes human CD33 or Siglec-3 (sialic acid binding Ig-like lectin 3) is expressed on monocytes, granulocytes, dendritic cells, mast cells, and myeloid progenitors to the exclusion of hematopoietic stem cells, lymphocytes, and platelets. It functions to assist sialic acid-dependent cell adhesion. |                  |           |
| <b>Concentration:</b>           | 1mg/ml; 5µl/ test  |                  |           |
| <b>UniProt ID:</b>              | P20138   |                  |           |
| <b>Conjugate:</b>               | FITC   |                  |           |
| <b>Specificity:</b>             | Recognizes human CD33, a 67 kDA transmembrane glycoprotein.  |                  |           |
| <b>Isotype:</b>                 | Mouse IgG1κ  |                  |           |
| <b>Clone:</b>                   | WM53   |                  |           |
| <b>Formulation:</b>             | PBS, pH 7.2, containing ≤0.09% Sodium azide. May contain carrier protein as a stabilizer.  |                  |           |
| <b>Purification:</b>            | The monoclonal antibody was purified utilizing affinity chromatography. Free, unconjugated FITC was removed.   |                  |           |
| <b>Applications:</b>            | Flow Cytometry   |                  |           |
| <b>Application Notes:</b>       | 5µl/ test. The optimal concentration should be determined by the user for each specific application.   |                  |           |
| <b>Storage &amp; Stability:</b> | Store at 2-8°C. The product should be stored undiluted and protected from prolonged exposure to light. <b>DO NOT FREEZE.</b>   |                  |           |

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