

## Product datasheet for **TA506237**

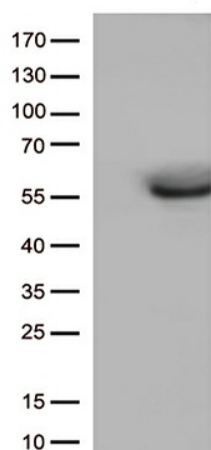
### CD33 Mouse Monoclonal Antibody [Clone ID: OTI1H8]

#### Product data:

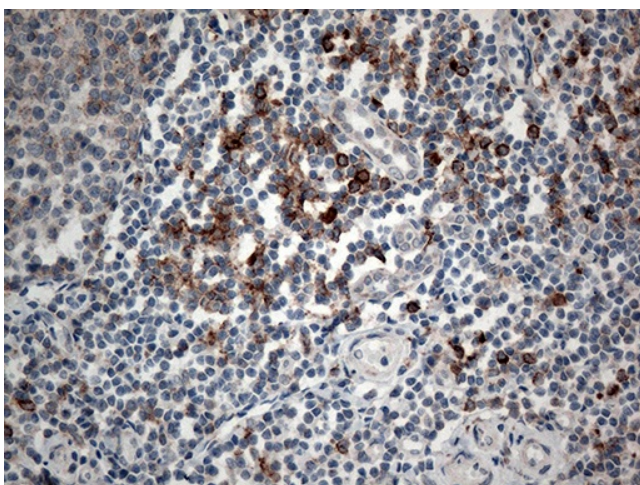
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI1H8  |
| Applications:           | FC, IHC, WB   |
| Recommended Dilution:   | WB 1:4000   |
| Reactivity:             | Human   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human CD33(NP_001763) produced in HEK293T cell.                  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                      |
| Concentration:          | 1 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation:            | Unconjugated  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 38 kDa  |
| Gene Name:              | CD33 molecule   |
| Database Link:          | <a href="#">NP_001763</a><br><a href="#">Entrez Gene 945 Human</a><br><a href="#">P20138</a>              |
| Synonyms:               | p67; SIGLEC-3; SIGLEC3  |
| Protein Families:       | Druggable Genome, Transmembrane   |
| Protein Pathways:       | Hematopoietic cell lineage  |



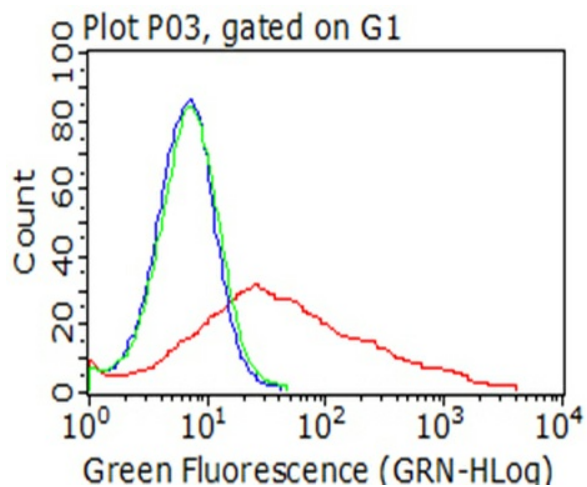
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**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD33 ([RC207023], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD33 (1:500).



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-CD33 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA506237) (1:500)



Flow cytometric analysis of living 293T cells transfected with CD33 overexpression plasmid ([RC207023]), Red)/empty vector ([PS100001], Blue) using anti-CD33 antibody (TA506237). Cells incubated with a non-specific antibody (Green) were used as isotype control (1:100).