

## 30-2451: Anti-CD33 Monoclonal Antibody (Clone:WM53)-PerCP Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	WM53
<b>Application :</b>	FACS, IP, WB, IHC-Fr, ICC, Functional Assay
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Conjugate :</b>	PerCP
<b>Gene :</b>	CD33
<b>Gene ID :</b>	945
<b>Uniprot ID :</b>	P20138
<b>Alternative Name :</b>	CD33,SIGLEC3
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human AML cells

### Description

CD33 is a transmembrane protein of the sialic acid-binding immunoglobulin-like lectin (Siglec) family. It belongs to the immunoreceptor tyrosine-based inhibitory motif (ITIM)-containing molecules able of recruiting protein tyrosine phosphatases SHP-1 and SHP-2 to signal assemblies; these ITIMs are also used for ubiquitin-mediated removal of the receptor from the cell surface. CD33 is expressed on cells of myelomonocytic lineage, binds sialic acid residues in N- and O-glycans on cell surfaces, and is a therapeutic target for acute myeloid leukemia.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.