

## 30-1877: Anti-CD33 Monoclonal Antibody (Clone:HIM3-4)-Biotin Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HIM3-4
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Conjugate :</b>	Biotin
<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>	NFMY-9s human cell line

### 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>	0.1 mg
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

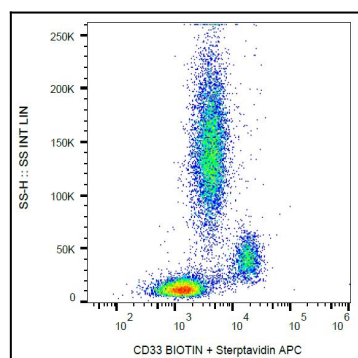


Figure 1: Surface staining of human peripheral blood leukocytes with anti-human CD33 (HIM3-4) biotin / streptavidin-APC.