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30-1241: Anti-CD33 Monoclonal Antibody (Clone:HIM3-4)

Clonality :	Monoclonal
Clone Name :	HIM3-4
Application :	FACS
Reactivity :	Human, Non-Human Primates
Gene :	CD33
Gene ID :	945
Uniprot ID :	P20138
Format :	Purified
Alternative Name :	CD33,SIGLEC3
Isotype :	Mouse IgG1
Immunogen Information :	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

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.