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30-1788: Anti-CD33 Monoclonal Antibody (Clone:WM53)-APC Conjugated

Clone Name: Monoclonal WM53

Application : FACS, IP, WB, IHC-Fr, ICC, Functional Assay

Reactivity: Human, Non-Human Primates

Conjugate: APC
Gene: CD33
Gene ID: 945
Uniprot ID: P20138

Alternative Name: CD33,SIGLEC3
Isotype: Mouse IgG1
Immunogen Information: 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

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

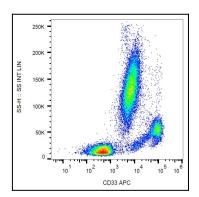


Figure 1: Surface staining of human peripheral blood with anti-CD33 (WM53) APC.