Active Recombinant Human CD33 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. CD33-176HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human CD33 (Accession # AAA51948) was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Form	Lyophilized
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human red blood cells. The ED50 for this effect is typically 1-4 μg/mL.
Molecular Mass	Recombinant Human CD33, Fc Chimera has a calculated MW of 53.4 kDa (monomer). In SDS-PAGE migrates as 67-85 kDa, reducing conditions.
N-terminal Sequence Analysis	Asp 18
Purity	> 90 % by SDS-PAGE and analyzed by silver stain
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm

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Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4 centigrade); After reconstitution under sterile conditions for 3 months (-70 centigrade).
Storage Buffer	Lyophilized from a 0.2 μm filtered solution in PBS.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	CD33 CD33 molecule [Homo sapiens]
Official Symbol	CD33
Synonyms	CD33; CD33 molecule; CD33 antigen (gp67); myeloid cell surface antigen CD33; FLJ00391; p67; sialic acid binding Ig like lectin 3; SIGLEC 3; SIGLEC3; gp67; sialic acid binding Ig-like lectin 3; sialic acid-binding Ig-like lectin 3; SIGLEC-3;
Gene ID	945
mRNA Refseq	NM_001082618
Protein Refseq	NP_001076087
MIM	159590
UniProt ID	P20138

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