

Active Recombinant Human CD33 Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. CD33-176HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 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 647 via amines Excitation = 650 nm Emission = 668 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 647

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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