

# Recombinant Cynomolgus CD33 Protein, His-tagged, Alexa Fluor 555 conjugated

**Cat. No.** CD33-181CAF555    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	A DNA sequence encoding the cynomolgus CD33 (XP_005590138.1) (Met1-Gly248) (Alexa Fluor 555 conjugated) was expressed with a polyhistidine tag at the C-terminus. Cynomolgus and Rhesus CD33 sequences are identical.
<b>Species</b>	Monkey
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Gly248 244
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant cynomolgus CD33 comprises 244 amino acids and has a calculated molecular mass of 27.3 kDa. The apparent molecular mass of it is approximately 45.2 kDa in SDS-PAGE under reducing condition.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

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	TRITC/Cy3 filters.
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH7.4.
<b>Conjugation</b>	Alexa Fluor 555

## GENE INFORMATION

<b>Gene Name</b>	CD33 centigrade D33 molecule [Macaca mulatta(Rhesus monkey) ]
<b>Official Symbol</b>	CD33
<b>Synonyms</b>	CD33; CD33 molecule; myeloid cell surface antigen CD33
<b>Gene ID</b>	719855
<b>mRNA Refseq</b>	XM_001114616
<b>Protein Refseq</b>	XP_001114616

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