



Anti-CD33 monoclonal antibody, clone WM53 [APC] (CABT-45960MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Mouse anti Human CD33 antibody, clone WM53 recognizes the human CD33 cell surface glycoprotein. This antigen, considered to be specific for the myeloid lineage, has also been reported to be present on cells of lymphoid origin. Mouse anti Human CD33 antibody, clone WM53 immunoprecipitates a protein of ~75kDa from myeloid cells, a smaller protein of approximately 67kDa has been observed in immunoprecipitates from lymphoid targets. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.

Specificity	CD33
Immunogen	Human AML cells
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	WM53
Conjugate	APC
Applications	FC
Format	Purified IgG conjugated to Allophycocyanin (APC) - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected

from light. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	CD33 CD33 molecule [Homo sapiens (human)]
Official Symbol	CD33
Synonyms	CD33; CD33 molecule; p67; SIGLEC3; SIGLEC-3; myeloid cell surface antigen CD33; gp67; CD33 antigen (gp67); sialic acid binding Ig-like lectin 3; sialic acid-binding Ig-like lectin 3;
Entrez Gene ID	945
Protein Refseq	NP_001076087
UniProt ID	P20138
Chromosome Location	19q13.3
Pathway	Hematopoietic cell lineage;
Function	carbohydrate binding; protein binding; receptor activity;