

Mouse CD33 Monoclonal Antibody | anti-CD33 antibody

MOUSE ANTI HUMAN CD33:APC

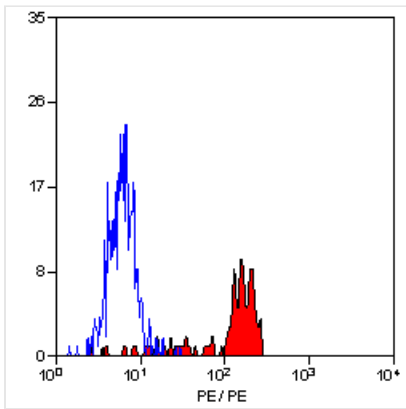
CATALOG # AAA11836	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

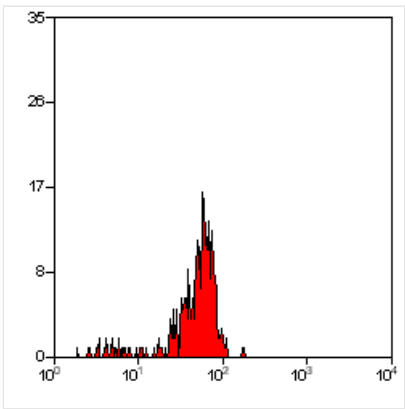
CD33; Monoclonal Antibody; MOUSE ANTI HUMAN CD33:APC; anti-CD33 antibody

PRODUCT SPECIFICATIONS

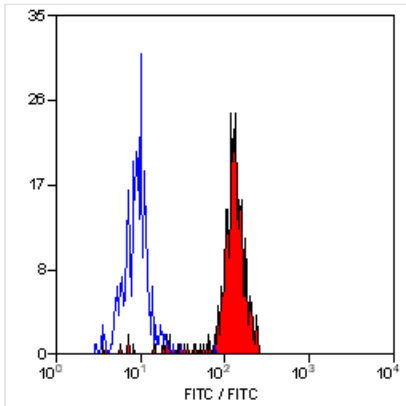
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	WM53
Form/Format	APC Purified IgG conjugated to Allophycocyanin (APC) - lyophilised
Sequence Length	237
Applicable Applications for anti-CD33 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Flow Cytometry: Minimum Dilution: Neat; Maximum Dilution: 1/10
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Immunogen	Human AML cells Fusion Partners
Target Species	Human
Preparation and Storage	Prior to reconstitution store at 4 degree C. Following reconstitution store at 4 degree 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. Shelf Life: 12 months from date of reconstitution.



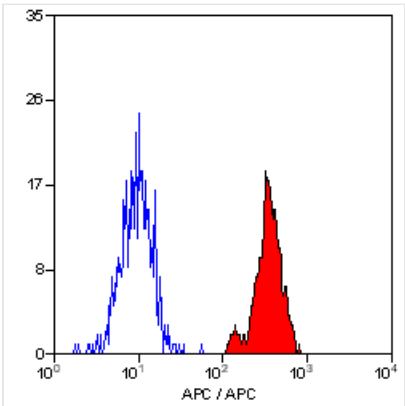
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD33:RPE



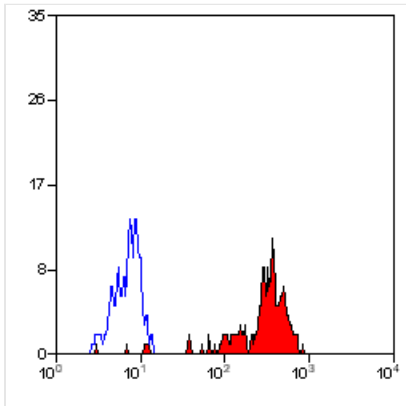
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD33:Alexa Fluor 488



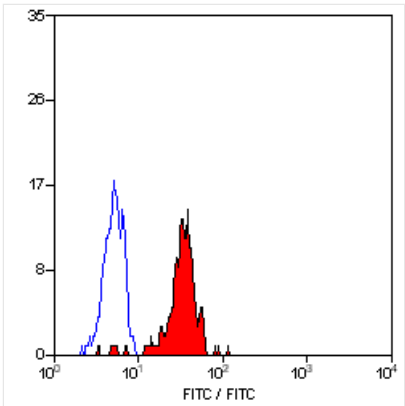
Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD33



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD33:APC



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD33:Alexa Fluor 647



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD33:FITC

ADDITIONAL INFORMATION

Related Product Information for anti-CD33 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	130980072
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NCBI GeneID	945
NCBI Accession #	NP_001076087.1
NCBI GenBank Nucleotide #	NM_001082618.1
UniProt Accession #	P20138; Q8TD24; B4E3P8; C9JEN7; F8WAL2
Molecular Weight	25,293 Da
NCBI Official Full Name	myeloid cell surface antigen CD33 isoform 2
NCBI Official Synonym Full Names	CD33 molecule
NCBI Official Symbol	CD33
NCBI Official Synonym Symbols	p67; SIGLEC3; SIGLEC-3
NCBI Protein Information	myeloid cell surface antigen CD33; CD33 antigen (gp67); sialic acid binding Ig-like lectin 3; sialic acid-binding Ig-like lectin 3
UniProt Protein Name	Myeloid cell surface antigen CD33
UniProt Gene Name	CD33
UniProt Synonym Gene Names	SIGLEC3; Siglec-3
UniProt Entry Name	CD33_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd33-antibody-clone-wm53-flow-cytometry-elisa/11836>