

CD33 recombinant antibody

Rabbit anti-CD33 Recombinant Monoclonal Antibody [BLR061G]

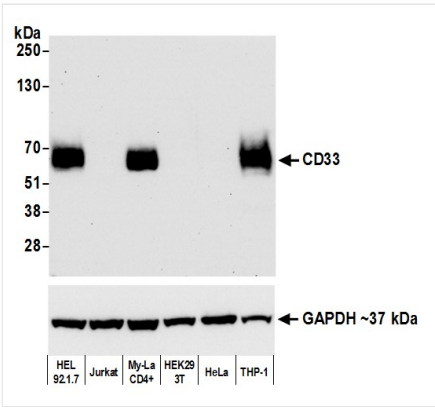
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213556	Rabbit	Human	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

CD33; Monoclonal Recombinant Antibody; Rabbit anti-CD33 Recombinant Monoclonal Antibody [BLR061G]; p67; CD33 molecule transcript; SIGLEC-3; SIGLEC3; sialic acid-binding Ig-like lectin 3; gp67; CD antigen CD33; CD33 antigen (gp67); myeloid cell surface antigen CD33; Myeloid cell surface antigen CD33; CD33 molecule; CD33 recombinant antibody

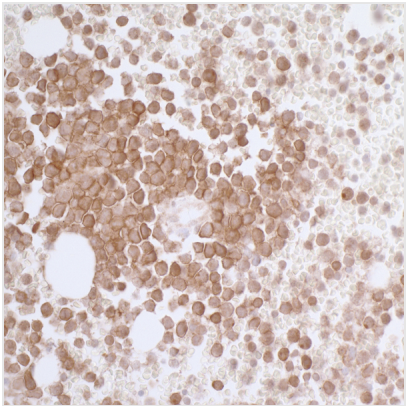
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR061G
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	100ug/ml (varies by lot)
Applicable Applications for CD33 recombinant antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 314 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



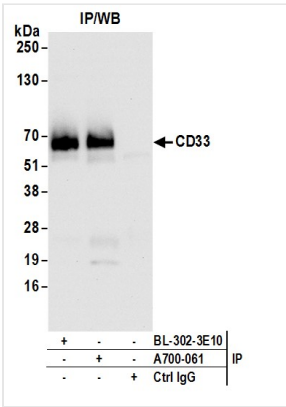
WB (Western Blot)

Detection of human CD33 by western blot. Samples: Whole cell lysate (50 ug) from HEL 92.1.7, Jurkat, My-La CD4+, HEK293T, HeLa, and THP-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-CD33 recombinant monoclonal antibody (AAA213556 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-GAPDH .



IHC (Immunohistochemistry)

Detection of human CD33 by immunohistochemistry. Sample: FFPE section of Acute Myeloid Leukemia (AML). Antibody: Rabbit anti-CD33 recombinant monoclonal antibody (AAA213556 lot 1) used at 1:200. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



IP (Immunoprecipitation)

Detection of human CD33 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEL 92.1.7 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-CD33 recombinant monoclonal antibody (AAA213556 lot 1) used for IP at 20 ul/mg lysate. CD33 was also immunoprecipitated by rabbit anti-CD33 recombinant monoclonal antibody [BL-302-3E10]. For blotting immunoprecipitated CD33, AAA213556 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for CD33 recombinant antibody	CD33 is a sialic-acid-binding immunoglobulin-like lectin (Siglec) that plays a role in mediating cell-cell interactions and in maintaining immune cells in a resting state. [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/O95785].
Product Categories/Family for CD33 recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	130979981
NCBI GeneID	945
NCBI Accession #	NP_001763.3
NCBI GenBank Nucleotide #	NM_001772.3
UniProt Accession #	P20138; Q8TD24; Q546G0; Q8NF11

Molecular Weight	39,825 Da
NCBI Official Full Name	myeloid cell surface antigen CD33 isoform 1
NCBI Official Synonym Full Names	CD33 molecule
NCBI Official Symbol	CD33
NCBI Official Synonym Symbols	p67; SIGLEC3; FLJ00391; SIGLEC-3
NCBI Protein Information	myeloid cell surface antigen CD33; gp67; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd33-recombinant-antibody-clone-blr061g-immunohistochemistry-immunoprecipitation-western-blot-elisa/213556>