

anti-Human Lintuzumab Monoclonal Antibody | anti-CD33 antibody

Research Grade Lintuzumab

CATALOG # AAA120059	REACTIVITY Human
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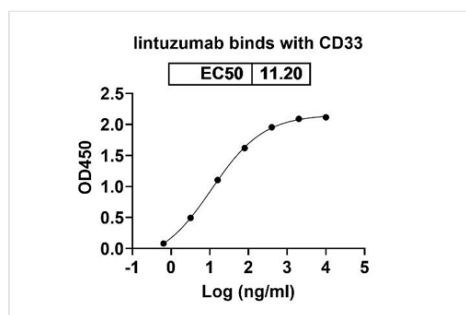
PRODUCT SYNONYMS

Lintuzumab; Monoclonal Antibody; Research Grade Lintuzumab; 225Ac-lintuzumab; HuM195; SGN-33; SMART M195; Myeloid cell surface antigen CD33; Sialic acid-binding Ig-like lectin 3; Siglec-3; CD33; gp67; SIGLEC3; anti-CD33 antibody

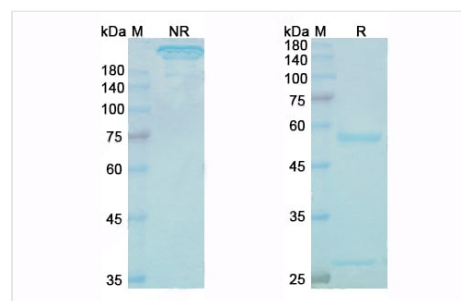
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95% by SDS-PAGE. Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. 0.01M PBS, pH7.4
Concentration	1.39 mg/ml (varies by lot)
Expression System	XtenCHO
Host Species	Humanized
CAS	166089-32-3
Preparation and Storage	Store at +4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



Bioactivity
Detects CD33 in indirect ELISAs.



ADDITIONAL INFORMATION

Related Product Information for anti-CD33 antibody	Lintuzumab is a humanized monoclonal antibody, HuM195, that targets the cell surface antigen CD33 that is expressed on the vast majority of acute myeloid leukemia (AML) cells. [225 Ac]Ac-lintuzumab clinical trials were discussed in detail in reference. Lintuzumab is under investigation in clinical trial NCT00016159 (Chemotherapy Plus Monoclonal Antibody in Treating Patients With Acute Promyelocytic Leukemia).
Product Categories/Family for anti-CD33 antibody	Research Biosimilar

References	Investigational CD33-targeted therapeutics for acute myeloid leukemia, PMID: 29534618 CD33-Targeted Therapies: Beating the Disease or Beaten to Death?, PMID: 32875599 Targeted Alpha-Particle Therapy for Hematologic Malignancies, PMID: 31253514 Targeted Alpha-Particle Therapy for Hematologic Malignancies, PMID: 32172800 Anti-leukemic activity of lintuzumab (SGN-33) in preclinical models of acute myeloid leukemia, PMID: 20065652
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116241290
NCBI GeneID	945
UniProt Accession #	P20138; Q8TD24; B4E3P8; C9JEN7; F8WAL2
NCBI Official Full Name	Myeloid cell surface antigen CD33
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; 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.