

Chimeric anti-Human Isatuximab Monoclonal Antibody | anti-CD38 antibody

Research Grade Isatuximab

CATALOG # AAA120067	HOST Chimeric	REACTIVITY Human
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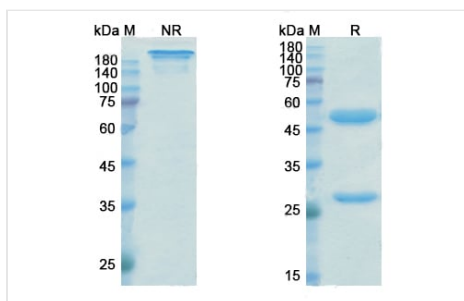
PRODUCT SYNONYMS

Isatuximab; Monoclonal Antibody; Research Grade Isatuximab; SAR-650984; hu38SB19; Cyclic ADP-ribose hydrolase 1; ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase; T10; 2'-phospho-cyclic-ADP-ribose transferase; CD38; ADPRC 1; ADP-ribosyl cyclase 1; 2'-phospho-ADP-ribosyl cyclase; anti-CD38 antibody

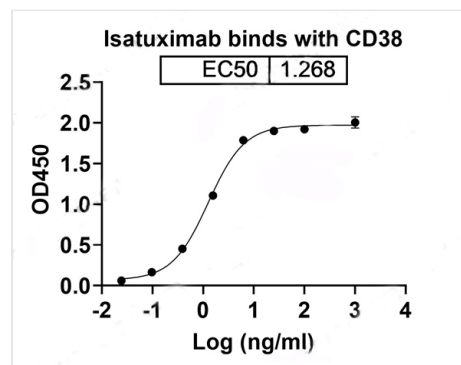
PRODUCT SPECIFICATIONS

Host	Chimeric
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. PBS buffer, pH7.4
Concentration	1mg/ml (varies by lot)
CAS	1461640-62-9
Preparation and Storage	Store at +4 degree C short term (1-2 weeks). Store at -20 degree C 12 months. Store at -80 degree C long term. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

IMAGES



SDS-PAGE
SDS PAGE for Isatuximab



Bioactivity
Detects Human CD38 in direct ELISAs.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD38 antibody	Research Biosimilar
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References	Isatuximab for the treatment of relapsed/refractory multiple myeloma, PMID: 33111607 Isatuximab: First Approval, PMID: 32347476 Isatuximab plus carfilzomib/dexamethasone versus carfilzomib/dexamethasone in patients with relapsed/refractory multiple myeloma: IKEMA Phase III study design, PMID: 31833394 Therapeutic Opportunities with Pharmacological Inhibition of CD38 with Isatuximab, PMID: 31779273 The Mechanism of Action of the Anti-CD38 Monoclonal Antibody Isatuximab in Multiple Myeloma, PMID: 30692097
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55977782
NCBI GeneID	952
UniProt Accession #	P28907; O00121; O00122; Q96HY4
Molecular Weight	300
NCBI Official Full Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
NCBI Official Synonym Full Names	CD38 molecule
NCBI Official Symbol	CD38
NCBI Official Synonym Symbols	T10; ADPRC 1
NCBI Protein Information	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1; CD38 antigen (p45); NAD(+) nucleosidase; ADP-ribosyl cyclase 1; 2'-phospho-ADP-ribosyl cyclase; 2'-phospho-cyclic-ADP-ribose transferase; 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cycli
UniProt Protein Name	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1
UniProt Gene Name	CD38
UniProt Synonym Gene Names	ADPRC 1; cADPr hydrolase 1
UniProt Entry Name	CD38_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.