

anti-Human Ulocuplumab Monoclonal Antibody | anti-CXCR4 antibody

Research Grade Ulocuplumab

CATALOG #
AAA120087

REACTIVITY
Human

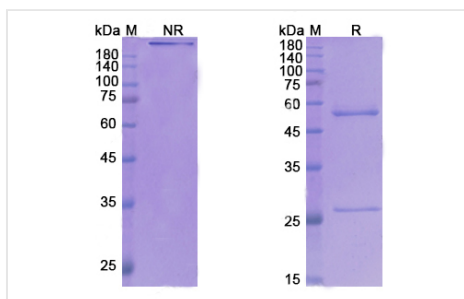
PRODUCT SYNONYMS

Ulocuplumab; Monoclonal Antibody; Research Grade Ulocuplumab; BMS-936564; MDX-1338; MDX1338; Stromal cell-derived factor 1 receptor; LCR1; HM89; LPS-associated protein 3; LAP-3; CXC-R4; CXCR-4; SDF-1 receptor; CD184; NPYRL; LESTR; Fusin; FB22; C-X-C chemokine receptor type 4; CXCR4; Lipopolysaccharide-associated protein 3; Leukocyte-derived seven transmembrane domain receptor; anti-CXCR4 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4-kappa
Purity/Purification	>95% by SDS-PAGE. Purification: Protein A or G purified from cell culture supernatant.
Form/Format	Liquid. 0.01M PBS, pH 7.4.
Concentration	1.59 mg/ml (varies by lot)
Expression system	XtenCHO
Host Species	Human
CAS	1375830-34-4
Target	Stromal cell-derived factor 1 receptor, LCR1, HM89, LPS-associated protein 3, LAP-3, CXC-R4, CXCR-4, SDF-1 receptor, CD184, NPYRL, LESTR, Fusin, FB22, C-X-C chemokine receptor type 4, CXCR4, Lipopolysaccharide-associated protein
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at -20°C 12 months. Store at -80°C long term.

IMAGES



SDS-PAGE

SDS PAGE for Ulocuplumab

ADDITIONAL INFORMATION

Related Product Information for anti-CXCR4 antibody	Ulocuplumab (BMS-936564) is a first-in-class fully human IgG4 monoclonal anti-CXCR4 antibody that inhibits the binding of CXCR4 to CXCL12. The CXCR4/CXCL12 (SDF-1) axis has been known for many years as a critical regulator of tumor proliferation, cell, as well as migration into and out of the bone marrow.
Product Categories/Family for anti-CXCR4 antibody	Research Biosimilar
References	What is new in the treatment of Waldenstrom macroglobulinemia?, PMID: 31591468 Relevance of the CXCR4/CXCR7-CXCL12 axis and its effect in pathophysiological conditions, PMID: 32758634 Immunotherapy for small-cell lung cancer: emerging evidence, PMID: 26882955 Ulocuplumab (BMS-936564/MDX1338): a fully human anti-CXCR4 antibody induces cell death in chronic lymphocytic leukemia mediated through a reactive oxygen species-dependent pathway, PMID: 26646452 A Phase Ib/II Trial of the First-in-Class Anti-CXCR4 Antibody Ulocuplumab in Combination with Lenalidomide or Bortezomib Plus Dexamethasone in Relapsed Multiple Myeloma, PMID: 31672767

NCBI AND UNIPROT INFORMATION

NCBI GI #	56790927
NCBI GeneID	7852
NCBI Accession #	NP_001008540.1
NCBI GenBank Nucleotide #	NM_001008540.1
UniProt Accession #	P61073; O60835; P30991; P56438; Q53S69; Q9BXA0; Q9UKN2; B2R5N0
Molecular Weight	39,746 Da
NCBI Official Full Name	C-X-C chemokine receptor type 4 isoform a
NCBI Official Synonym Full Names	chemokine (C-X-C motif) receptor 4
NCBI Official Symbol	CXCR4
NCBI Official Synonym Symbols	FB22; HM89; LAP3; LCR1; NPYR; WHIM; CD184; LESTR; NPY3R; NPYRL; HSY3RR; NPYY3R; D2S201E
NCBI Protein Information	C-X-C chemokine receptor type 4; fusin; CXC-R4; CXCR-4; CD184 antigen; SDF-1 receptor; neuropeptide Y receptor Y3; seven transmembrane helix receptor; stromal cell-derived factor 1 receptor; lipopolysaccharide-associated protein 3; seven-transmembrane-seg
UniProt Protein Name	C-X-C chemokine receptor type 4
UniProt Gene Name	CXCR4
UniProt Synonym Gene Names	CXC-R4; CXCR-4; LESTR
UniProt Entry Name	CXCR4_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.