

anti-Human Milatuzumab Monoclonal Antibody | anti-CD74 antibody

Research Grade Milatuzumab

CATALOG #
AAA119999

REACTIVITY
Human

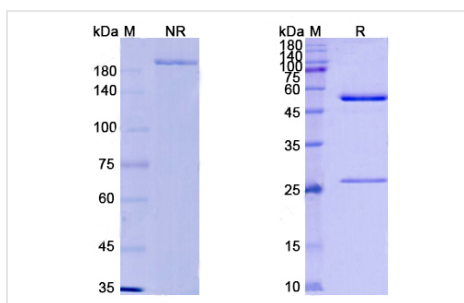
PRODUCT SYNONYMS

Milatuzumab; Monoclonal Antibody; Research Grade Milatuzumab; MEDI-115; hLL1; HLA-DR antigens-associated invariant chain; HLA class II histocompatibility antigen gamma chain; CD74; CLIP; Ia antigen-associated invariant chain; DHLAG; Ii; anti-CD74 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid; 0.01M PBS, pH7.4
Concentration	1.77 mg/ml (varies by lot)
Host Species	Humanized
Target	HLA-DR antigens-associated invariant chain, HLA class II histocompatibility antigen gamma chain, CD74, CLIP, Ia antigen-associated invariant chain, DHLAG, Ii
Expression System	Mammalian cells
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 Milatuzumab

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD74 antibody

[Research Biosimilar](#)

References	Milatuzumab: a promising new agent for the treatment of lymphoid malignancies, PMID: 19053886 Milatuzumab-SN-38 conjugates for the treatment of CD74+ cancers, PMID: 23427296 Combining milatuzumab with bortezomib, doxorubicin, or dexamethasone improves responses in multiple myeloma cell lines, PMID: 19351768 Milatuzumab-conjugated liposomes as targeted dexamethasone carriers for therapeutic delivery in CD74+ B-cell malignancies, PMID: 23209030 Milatuzumab immunoliposomes induce cell death in CLL by promoting accumulation of CD74 on the surface of B cells, PMID: 20574049
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20178292
NCBI GeneID	972
UniProt Accession #	P04233; Q14597; Q29832; Q5U0J8; Q8SNA0; Q8WLP6; A8K7R1; B4DNE8; D3DQG3; D3DQG4
NCBI Official Full Name	HLA class II histocompatibility antigen gamma chain
NCBI Official Synonym Full Names	CD74 molecule, major histocompatibility complex, class II invariant chain
NCBI Official Symbol	CD74
NCBI Official Synonym Symbols	II; DHLAG; HLADG; Ia-GAMMA
NCBI Protein Information	HLA class II histocompatibility antigen gamma chain; p33; HLA-DR-gamma; MHC HLA-DR gamma chain; Ia-associated invariant chain; gamma chain of class II antigens; HLA-DR antigens-associated invariant chain; CD74 antigen (invariant polypeptide of major histo
UniProt Protein Name	HLA class II histocompatibility antigen gamma chain
UniProt Gene Name	CD74
UniProt Synonym Gene Names	DHLAG; li
UniProt Entry Name	HG2A_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.