

Mouse anti-Human CD74 Monoclonal Antibody | anti-CD74 antibody

Mouse Anti-Human CD74-UNLB

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA78759	Mouse	Human	Immunoprecipitation, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD74; Monoclonal Antibody; Mouse Anti-Human CD74-UNLB; Mouse Anti-Human CD74 - Purified; Unlabeled Antibody; Mouse Anti-Human CD74; anti-CD74 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse (BALB/c) IgG _{1k}
Clone Number	LN2
Specificity	Human CD74; Mr 41, 35, 33 kDa
Form/Format	The purified (UNLB) antibody is supplied as 0.1 mg of purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added.
Sequence Length	296
Applicable Applications for anti-CD74 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Immunogen	Cell line SU-DHL-4 nuclei
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Application Data

Human peripheral blood lymphocytes and monocytes were stained with Mouse Anti-Human CD74-UNLB followed by Goat Anti-Mouse IgG1, Human ads-PE

ADDITIONAL INFORMATION

Related Product Information for anti-CD74 antibody	CD74 represents a type II integral membrane protein known as MHC Class II-associated invariant chain (Mr 43, 41, 35, 33 kDa). It is moderately expressed on B cells, and weakly on monocytes and macrophages. CD74 is also found on a subset of activated T cells, Langerhans cells, dendritic cells and some epithelial cells. CD74 may play a role in antigen processing and presentation through intracellular transport and expression of Class II molecules on the cell surface
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References	1. Knapp, W., B. Dorken, W.R. Gilks, E.P. Rieber, R.E. Schmidt, H. Stein, A.E.G.K. Von dem Borne, eds. 1989. Leukocyte Typing IV: White Cell Differentiation Antigens, Oxford University Press, Oxford. 2. Barclay, A.N., M.H. Brown, S.K.A. Law, A.J. McKnight, M.G. Tomlinson, and P.A. van der Merwe, eds. 1997. The Leukocyte Antigens Facts Book, 2nd Edition, CD74 Section, Academic Press, New York, p. 327. 3. Lamb, C.A., J.W. Yewdell, J.R. Bennink, and P. Cresswell. 1991. Proc. Natl. Acad. Sci. USA 88:5998. 4. Viville, S., J. Neefjes, V. Lotteau, A. Dierich, M. Lemeur, H. Ploegh, C. Benoist, and D. Mathis. 1993. Cell 72:635.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119582135
NCBI GeneID	972
UniProt Accession #	P04233; Q14597; Q29832; Q5U0J8; Q8SNA0; Q8WLP6; A8K7R1; B4DNE8; D3DQG3; D3DQG4; O19685; O78208
NCBI Official Full Name	CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated), isoform CRA_c
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; OTTHUMP00000224283; OTTHUMP00000224284; OTTHUMP00000224285; OTTHUMP00000224286; OTTHUMP00000224288; OTTHUMP00000224338; 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 histocompatibility complex, class II antigen-associated)
UniProt Protein Name	HLA class II histocompatibility antigen gamma chain
UniProt Gene Name	CD74
UniProt Synonym Gene Names	DHLAG
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.