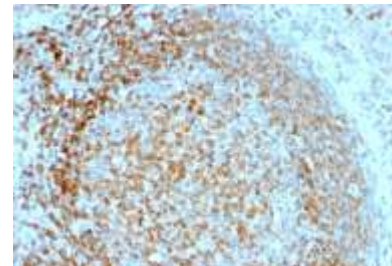


Anti-CD74 Antibody (B-Cell Marker) (Clone LN-2)

CATALOG NO:	A1567-100
ALTERNATIVE NAMES:	DHLAG, Gamma chain of class II antigens, HLA class II histocompatibility antigen gamma chain, HLA-DR antigens-associated invariant chain, HLADR-gamma (HLADG), Ia antigen-associated invariant chain, Ia-gamma, Major histocompatibility complex class II invariant chain, CLIP, MHC HLA-DR gamma chain, p33, CD74
AMOUNT:	100 µg
IMMUNOGEN:	SU-DHL-4 lymphoma cells
HOST/ISOTYPE:	Mouse / IgG1, kappa
CLONALITY:	Monoclonal
CLONE:	LN-2
MOL WEIGHT:	33-41 kDa
SPECIES REACTIVITY:	Human, Baboon and Mouse. Does not react with rat
PURIFICATION:	Protein A/G purification
FORM:	Liquid
FORMULATION:	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
STORAGE CONDITIONS:	Shipped at 4°C. Long term storage at -20°C.
DESCRIPTION:	It recognizes a protein of ~35 kDa, identified as CD74. CD74 is a type II transmembrane protein which binds to the peptide binding groove of newly synthesized MHC class II alpha/beta heterodimers and prevents their premature association with endogenous polypeptides. CD74 is expressed primarily by antigen presenting cells, such as B-lymphocytes (from before the pre-B cell stage to before the plasma cell stage), macrophages, and monocytes, and many epithelial cells. Anti-CD74 stains predominantly germinal center lymphocytes and B-cell lymphomas, but rarely T-cell lymphomas. Anti-CD74 has been shown to be useful in differentiating a typical fibroxanthoma (-) from malignant fibrous histiocytoma (+).
APPLICATION:	FC: 0.5-1 µg/1X10 ⁶ cells in 0.1 ml

IF: 1-2 µg/ml
 IHC: 1-2 µg/ml for 30 minutes at RT
 (Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Formalin-fixed, paraffin-embedded human Tonsil stained with CD74 Antibody (LN-2).

RELATED PRODUCTS:

- ACTH Polyclonal Antibody (Cat. No. A1051)
- ACTH (Cat. No. 4003)
- ACTH Blocking Peptide (Cat. No. A1051BP)
- Anti-ACTH Antibody (SPM501) (Cat. No. A1418)
- Anti-ACTH Antibody (r57) (Cat. No. A1419)
- CD74, human recombinant (Cat. No. 7317)
- HLA-DRA Antibody (Clone # 302CT2.3.2) (Cat. No. 6792)
- Human CellExp™ CD74/DHLAG, human recombinant (Cat. No. 7387)

FOR RESEARCH USE ONLY! Not to be used on humans.