

CD74 (B-Cell Marker) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone CLIP/1133]

Catalog # AH12809

Product Information

Application	WB, IF, FC
Primary Accession	P044233
Other Accession	972 , 436568
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Clone Names	CLIP/1133
Calculated MW	33 KDa

Additional Information

Application Note	WB~~1:1000 IF~~1:50~200 FC~~1:10~50
Storage	Store at 2 to 8°C.Antibody is stable for 24 months.
Precautions	CD74 (B-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

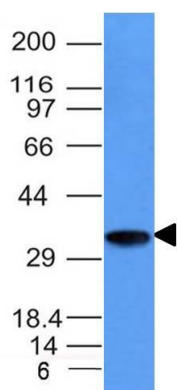
Background

Recognizes proteins of 33, 35 and 41kDa, which are identified as various isoforms of CD74. Its epitope is localized in the extracellular domain of 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. The CD74 molecule plays a critical role in the presentation of peptides, by the MHC class II antigens, to CD4 positive lymphocytes. CD74 is expressed on MHC class II positive cells including B cells, a subset of activated T cells, monocytes, and dendritic cells and by various types of carcinomas. 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 atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+).

References

Wraight, C.J. et al. (1990) Human major histocompatibility complex class II invariant chain is expressed on the cell surface. J Biol Chem.265:5787

Images



Western Blot Analysis of Raji Cell Lysate using CD74 Monoclonal Antibody (CLIP/1133)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.