

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

Mouse Monoclonal Antibody [Clone CLIP/813] Catalog # AH12807

Product Information

Application IHC, IF, FC
Primary Accession P044233
Other Accession 972, 436568
Reactivity Human
Host Mouse
Clonality Monoclonal

Isotype Mouse / IgG1, kappa

Clone Names CLIP/813
Calculated MW 33 KDa

Additional Information

Application Note IHC~~1:100~500 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

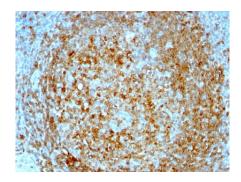
Background

It recognizes a protein of ~35kDa, identified as CD74. It 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 atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+).

References

Wilson, K.M., et al. 1993. Cell-surface expression of human histocompatibility leucocyte antigen (HLA) class II-associated invariant chain (CD74) does not always correlate with cell-surface expression of HLA class II molecules. Immunology 79: 331-335

Images



Formalin-fixed, paraffin-embedded human Tonsil stained with CD74 Monoclonal Antibody (CLIP/813).

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