

**CD74 (B-Cell Marker) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone CLIP/813 ]**  
**Catalog # AH12807****Specification**

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

Application	,2,3,4,
Primary Accession	<a href="#">P044233</a>
Other Accession	<a href="#">972, 436568</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	33-41kDa KDa

**CD74 (B-Cell Marker) Antibody - With BSA and Azide - Additional Information****Storage**

Store at 2 to 8°C. Antibody is stable for 24 months.

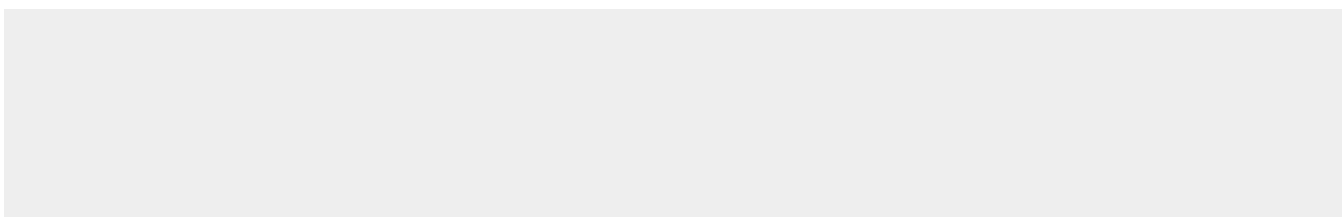
**Precautions**

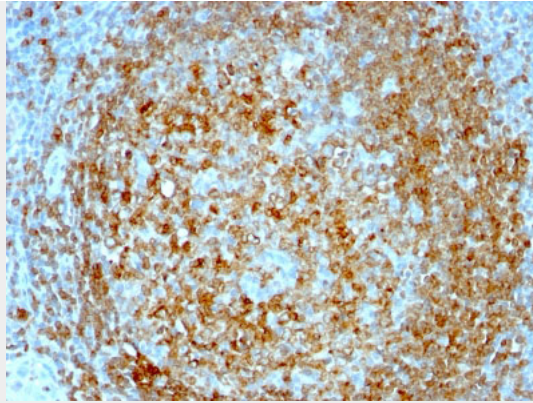
CD74 (B-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**CD74 (B-Cell Marker) Antibody - With BSA and Azide - Protein Information****CD74 (B-Cell Marker) Antibody - With BSA and Azide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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



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

#### **CD74 (B-Cell Marker) Antibody - With BSA and Azide - 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 (+).

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