

**CD74 (B-Cell Marker) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone CLIP/1133 ]**  
**Catalog # AH12809****Specification**

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

Application	,1,3,4,
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.

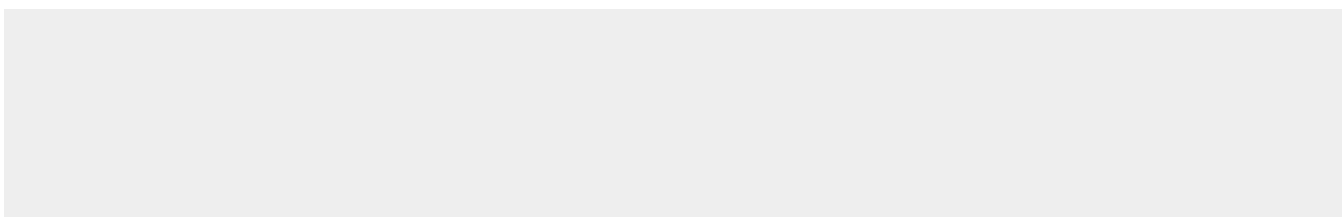
**Precautions**

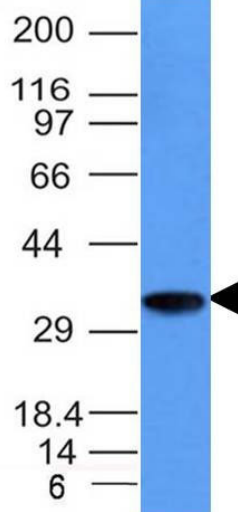
CD74 (B-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**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**



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

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

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