

**CD74 (B-Cell Marker) Antibody - With BSA and Azide**  
**Mouse Monoclonal Antibody [Clone SPM523 ]**  
**Catalog # AH10892****Specification****CD74 (B-Cell Marker) Antibody - With BSA and Azide - Product Information**

Application	,14,3,4,
Primary Accession	<a href="#">P044233</a>
Other Accession	<a href="#">972, 436568</a>
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1, kappa
Calculated MW	33-41kDa KDa

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

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

**Storage**

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

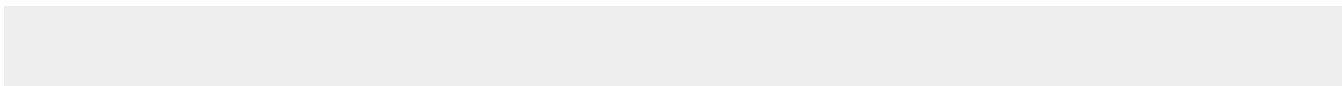
**Precautions**

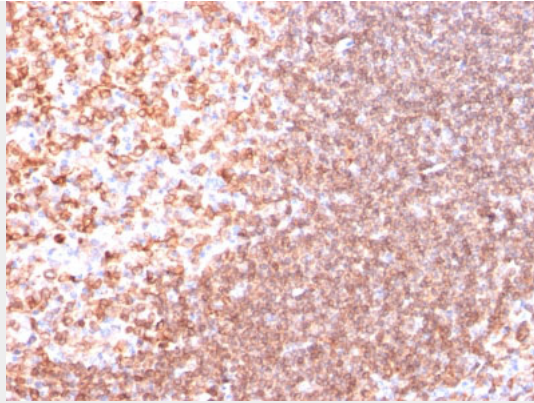
CD74 (B-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

**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 Ab (SPM523).

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

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 atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+).

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

Epstein AL et. al. J of Immunology 133: 1028-1036, 1984. | Marder RJ et. al. Lab Invest 52: 497-504, 1985