

**CD74**  
**Rabbit Monoclonal antibody(Mab)**  
**Catalog # AD80044****Specification**

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**CD74 - Product info**

Application	<b>IHC-P</b>
Primary Accession	<a href="#">P04233</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal</b>
Calculated MW	<b>33516</b>

**CD74 - Additional info**

Gene ID	<b>972</b>
Gene Name	<b>CD74</b>

**Other Names**

HLA class II histocompatibility antigen gamma chain, HLA-DR antigens-associated invariant chain, Ia antigen-associated invariant chain, li, CD74, Class-II-associated invariant chain peptide, CLIP, CD74 ([HGNC:1697](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=1697)), DHLAG

**Dilution**

IHC-P~~Ready-to-use

**Storage**

Maintain refrigerated at 2-8°C

**Precautions**

**CD74 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

**CD74 - Protein Information**

**Name** CD74 ([HGNC:1697](#))

**Synonyms**  
**Function**

**DHLAG**  
Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to the endosomal/lysosomal system where the antigen processing and binding of antigenic peptides to MHC class II takes place. Serves as cell surface receptor for the cytokine MIF.

## Cellular Location

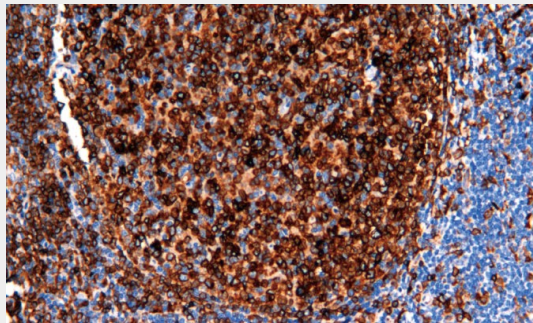
**Cell membrane; Single-pass type II membrane protein. Endoplasmic reticulum membrane. Golgi apparatus, trans-Golgi network. Endosome Lysosome.**  
**Note=Transits through a number of intracellular compartments in the endocytic pathway. It can either undergo proteolysis or reach the cell membrane**

## CD74 - Protocols

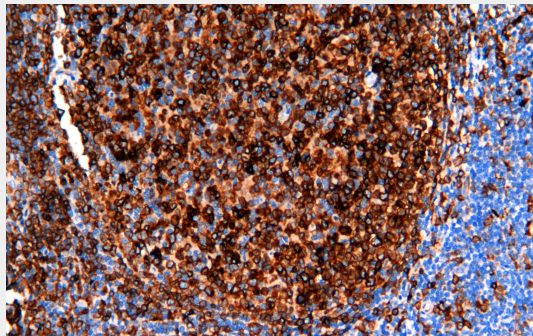
Provided below are standard protocols that you may find useful for product applications.

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

## CD74 - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80044 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.