

CD74
Rabbit Monoclonal antibody(Mab)
Catalog # AD80044

Specification

CD74 - Product info

Application	IHC-P, IHC
Primary Accession	P04233
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	33516

CD74 - Additional info

Gene ID	972
Gene Name	CD74

Other Names

HLA class II histocompatibility antigen gamma chain, HLA-DR antigens-associated invariant chain, Ia antigen-associated invariant chain, Ii, 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
IHC~~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

Cellular Location

the cytokine MIF.

Cell membrane; Single-pass type II membrane protein. Endoplasmic reticulum membrane. Golgi apparatus, trans-Golgi network. Endosome Lysosome.

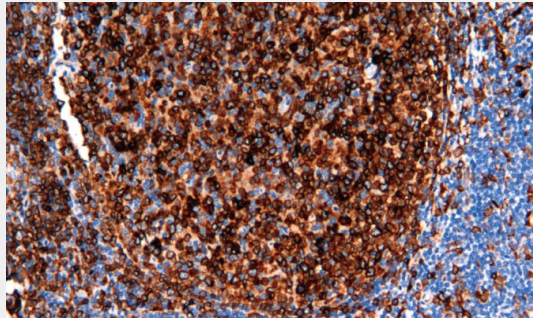
Note=Transits through a number of intracellular compartments in the endocytic pathway. It can either undergo proteolysis or reach the cell membrane

CD74 - Protocols

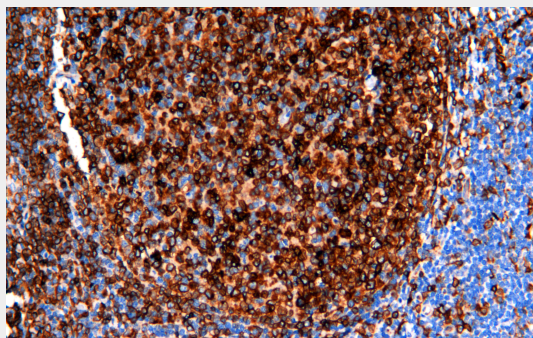
Provided below are standard protocols that you may find useful for product applications.

- [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.