

Datasheet for ABIN7267759

**anti-CD74 antibody**

5 Images

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## Overview

Quantity:	100 µL
Target:	CD74
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This CD74 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Purpose:	CD74 Rabbit mAb
Immunogen:	A synthesized peptide derived from human CD74
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	CD74
Alternative Name:	CD74 ( <a href="#">CD74 Products</a> )
Background:	The protein encoded by this gene associates with class II major histocompatibility complex

## Target Details

(MHC) and is an important chaperone that regulates antigen presentation for immune response. It also serves as cell surface receptor for the cytokine macrophage migration inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (Abeta). Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011],DHLA, HLADG, II, Ia-GAMMA,Apoptosis,CDs,Cell Biology & Developmental Biology,Immunology & Inflammation,CD74

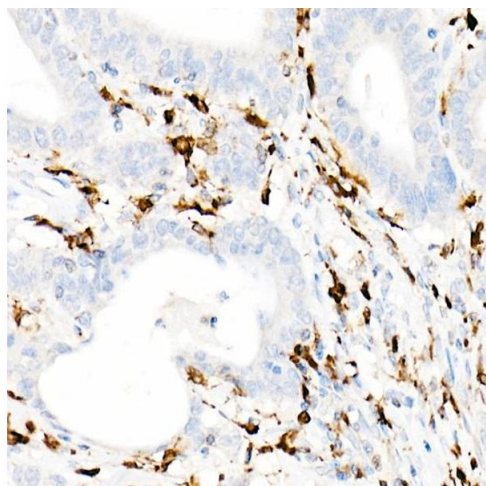
Molecular Weight:	34kDa
Gene ID:	972
UniProt:	<a href="#">P04233</a>
Pathways:	<a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">Production of Molecular Mediator of Immune Response</a> , <a href="#">Negative Regulation of intrinsic apoptotic Signaling</a> , <a href="#">Cancer Immune Checkpoints</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200
Restrictions:	For Research Use only

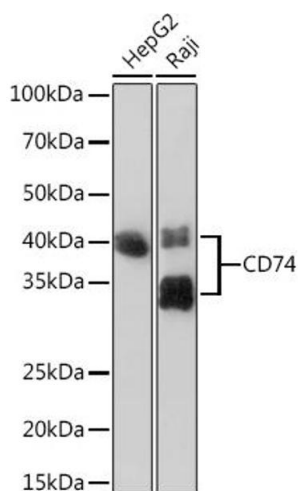
## Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



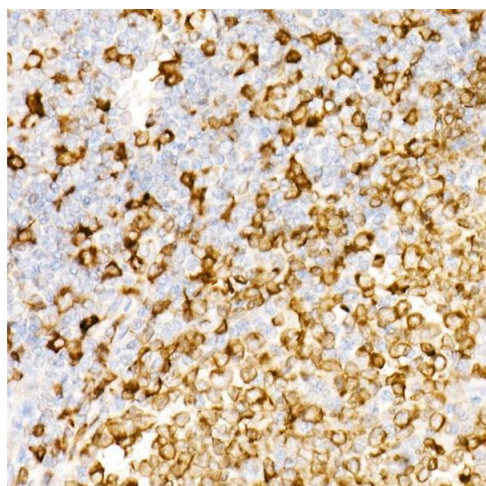
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded Human colon carcinoma using CD74 antibody (ABIN7267759) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using CD74 Rabbit mAb (ABIN7267759) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded Human tonsil using CD74 antibody (ABIN7267759) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7267759.