

Datasheet for ABIN7074245

**anti-CD74 antibody**

9 Images

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## Overview

Quantity:	100 µL
Target:	CD74
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD74 antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein corresponding to Mouse CD74
Cross-Reactivity:	Rat
Purification:	Affinity purification

## Target Details

Target:	CD74
Alternative Name:	CD74 ( <a href="#">CD74 Products</a> )
Background:	CD74, also known as the MHC class II associated invariant chain (Ii), 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 produced in molar excess over MHC class II and some of this is expressed by an unknown pathway on the cell surface independent of or in association with MHC class II molecules. The

## Target Details

half life of CD74 on the cell surface is only 3 to 4 min after which it is internalized.

Gene ID:	16149
NCBI Accession:	<a href="#">NP_001036070</a>
UniProt:	<a href="#">P04441</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>

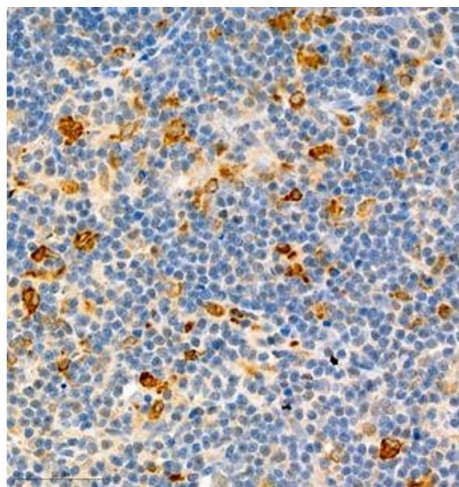
## Application Details

Application Notes:	IHC/IF (M,R) 1:1000-1:4000/1:500-1:1000
Restrictions:	For Research Use only

## Handling

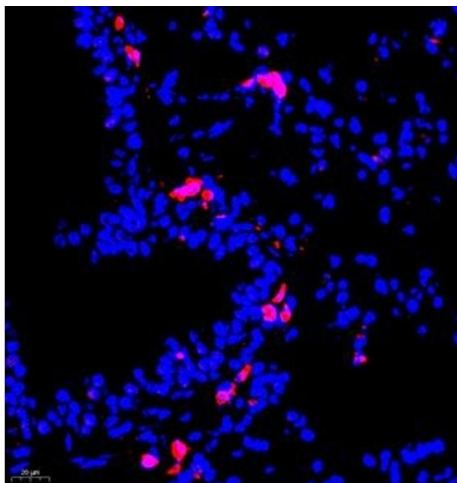
Format:	Liquid
Buffer:	PBS, pH 7.4, 0.02 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C

## Images



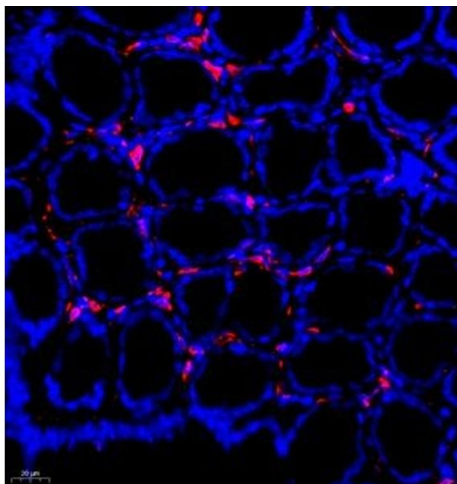
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin embedded rat thymus using MHC-II (ABIN7074245) at dilution of 1:1800 (400x lens)



#### Immunofluorescence (Paraffin-embedded Sections)

**Image 2.** Immunofluorescence of paraffin embedded mouse lung using MHC-II (ABIN7074245) at dilution of 1:500 (400x lens)



#### Immunofluorescence (Paraffin-embedded Sections)

**Image 3.** Immunofluorescence of paraffin embedded rat colon using MHC-II (ABIN7074245) at dilution of 1:500 (400x lens)

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN7074245.