

DATASHEET

CD74 Mouse Monoclonal Antibody(C2382)

CAT. NO. AMA01994

KEY FEATURES

| | | | |
|---------------|---|---------------|--------------|
| Target | CD74 | Source / Host | Mouse |
| Reactivity | Human | Clonality | Monoclonal |
| Applications | IHC | Conjugation | Unconjugated |
| Form / Buffer | Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. | Storage | at-20°C |

BACKGROUND

Binds to the peptide-binding site of MHC class II alpha/beta heterodimers forming an alpha-beta-CLIP complex, thereby preventing the loading of antigenic peptides to the MHC class II complex until its release by HLA-DM in the endosome.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|-----|---------------|
| IHC | 1:100 - 1:300 |
|-----|---------------|

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

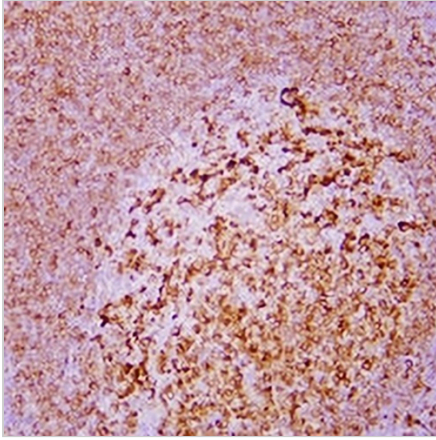
| | |
|-------------------|--|
| Description | Mouse monoclonal antibody to CD74 |
| Specificity | Recognizes endogenous levels of CD74 protein. |
| Antibody Type | Primary antibody |
| Immunogen | KLH-conjugated synthetic peptide encompassing a sequence within human CD74. The exact sequence is proprietary. |
| Purification | The antibody was purified by immunogen affinity chromatography. |
| Form/Buffer | Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide. |
| Alternative Names | DHLAG; HLA class II histocompatibility antigen gamma chain; HLA-DR antigens-associated invariant chain; Ia antigen-associated invariant chain; Ii; p33; CD74 |
| Gene Symbol | CD74 |
| Entrez Gene | 972(Human) |
| SwissProt | P04233(Human) |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**CD74 Mouse Monoclonal Antibody(C2382)**

CAT. NO. AMA01994

DATA

Immunohistochemical analysis of CD74 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.