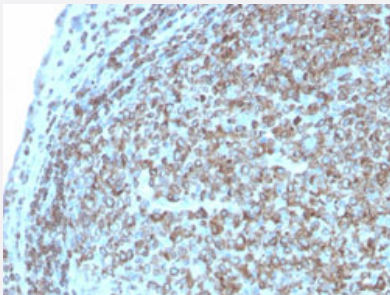


RecomAb™

# CD74 recombinant monoclonal antibody, clone CLIP/3127R

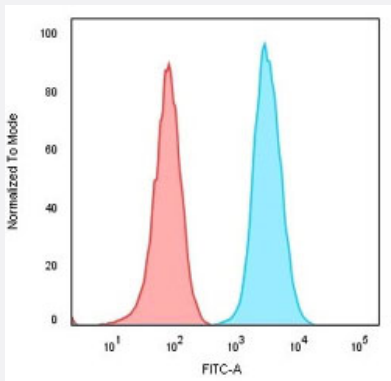
Catalog # RAB00678      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.



### Flow Cytometry

Flow cytometric analysis of Raji cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

## Specification

|                            |                                                                   |
|----------------------------|-------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit recombinant monoclonal antibody raised against human CD74. |
| <b>Antibody Species</b>    | Rabbit                                                            |
| <b>Immunogen</b>           | SU-DHL-4 lymphoma cells.                                          |
| <b>Reactivity</b>          | Baboons, Human, Mouse                                             |
| <b>Form</b>                | Liquid                                                            |

|                            |                                                                                                                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purification</b>        | Protein A/G purification                                                                                                                                                                        |
| <b>Isotype</b>             | IgG                                                                                                                                                                                             |
| <b>Recommend Usage</b>     | Flow Cytometry (1-2 ug/million cells)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In 1 mg/mL PBS                                                                                                                                                                                  |
| <b>Storage Instruction</b> | Store at -20 to -80°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                                                       |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human tonsil.

- Flow Cytometry

Flow cytometric analysis of Raji cells. This antibody followed by goat anti-rabbit IgG-CF488 (Blue). Isotype Control (Red).

## Gene Info — CD74

|                           |                                                                                                                                                                                                                       |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">972</a>                                                                                                                                                                                                   |
| <b>Protein Accession#</b> | <a href="#">P044233</a>                                                                                                                                                                                               |
| <b>Gene Name</b>          | CD74                                                                                                                                                                                                                  |
| <b>Gene Alias</b>         | DHLA3, HLADG, Ia-GAMMA                                                                                                                                                                                                |
| <b>Gene Description</b>   | CD74 molecule, major histocompatibility complex, class II invariant chain                                                                                                                                             |
| <b>Omim ID</b>            | <a href="#">142790</a>                                                                                                                                                                                                |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                             |
| <b>Gene Summary</b>       | major histocompatibility complex                                                                                                                                                                                      |
| <b>Other Designations</b> | CD74 antigen CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) HLA-DR-gamma Ia-associated invariant chain MHC HLA-DR gamma chain gamma chain of class II antigens |

## Pathway

- [Antigen processing and presentation](#)

## Disease

- [Cardiovascular Diseases](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)