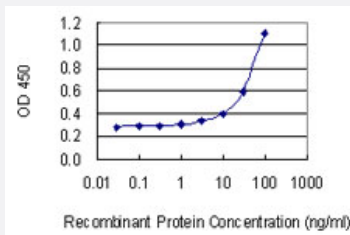


# CD74 monoclonal antibody (M02), clone 2F8

Catalog # H00000972-M02

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD74 is 1 ng/ml as a capture antibody.

## Specification

|                               |                                                                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description           | Mouse monoclonal antibody raised against a full-length recombinant CD74.                                                                                               |
| Immunogen                     | CD74 (AAH24272, 1 a.a. ~ 160 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                                                     |
| Sequence                      | MHRRRSRSCREDQKPVMDQQRDLISNNEQLPMLGRRPGAPESKCSRGALYTGFSLVTLFLAGQ<br>ATTAYFLYQQQGRDKLTVTSQNLQLENLRMKLPKPPKPVSKMRMATPLLMQALPMGALPQGPM<br>QNATKYGNMTEDHVMHLLQSHWNWRTRLLGWV |
| Host                          | Mouse                                                                                                                                                                  |
| Reactivity                    | Human                                                                                                                                                                  |
| Interspecies Antigen Sequence | Mouse (78); Rat (79)                                                                                                                                                   |
| Isotype                       | IgG2a Kappa                                                                                                                                                            |
| Quality Control Testing       | Antibody Reactive Against Recombinant Protein.                                                                                                                         |
| Storage Buffer                | In 1x PBS, pH 7.4                                                                                                                                                      |
| Storage Instruction           | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                                                                               |

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CD74 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — CD74

|                     |                                                                                                                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">972</a>                                                                                                                                                                                                   |
| GeneBank Accession# | <a href="#">BC024272</a>                                                                                                                                                                                              |
| Protein Accession#  | <a href="#">AAH24272</a>                                                                                                                                                                                              |
| Gene Name           | CD74                                                                                                                                                                                                                  |
| Gene Alias          | DHLA2, HLADG, Ia-GAMMA                                                                                                                                                                                                |
| Gene Description    | CD74 molecule, major histocompatibility complex, class II invariant chain                                                                                                                                             |
| Omim ID             | <a href="#">142790</a>                                                                                                                                                                                                |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                             |
| Gene Summary        | major histocompatibility complex                                                                                                                                                                                      |
| Other Designations  | 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](#)