

## Rabbit CD74 Polyclonal Antibody | anti-CD74 antibody

CD74 Polyclonal Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA176055</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

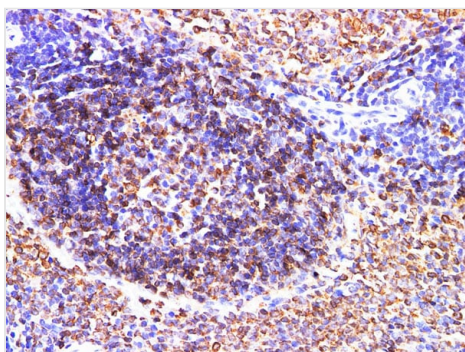
### PRODUCT SYNONYMS

CD74; Polyclonal Antibody; CD74 Polyclonal Antibody; CD 74; CD74 antigen (invariant polypeptide of major histocompatibility complex; Class II antigen-associated); CD74 antigen; CD74 molecule; Major histocompatibility complex; Class II invariant chain; CLIP; DHLAC; Gamma chain of class II antigens; HG2A; HLA class II histocompatibility antigen gamma chain; HLA DR antigens associated invariant chain; HLA DR gamma; HLA-DR antigens-associated invariant chain; HLA-DR-gamma; HLADG; HLADR antigens associated invariant chain; Ia antigen associated invariant chain; Ia antigen-associated invariant chain; Ia associated invariant chain; Ia gamma; Ii; Invariant polypeptide of major histocompatibility complex class II antigen associated; La-gamma; Major histocompatibility complex class II invariant chain; MHC HLA DR gamma chain; MHC HLA-DR gamma chain; P33; P35; Protein 41; anti-CD74 antibody

### PRODUCT SPECIFICATIONS

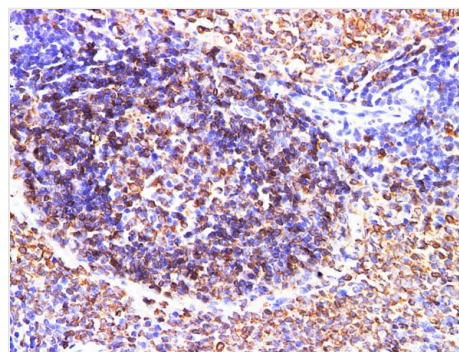
|                                                |                                                                               |
|------------------------------------------------|-------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                        |
| Reactivity                                     | Human, Mouse, Rat                                                             |
| Clonality                                      | Polyclonal                                                                    |
| Isotype                                        | IgG                                                                           |
| Purity/Purification                            | Antigen Affinity Purification                                                 |
| Form/Format                                    | PBS with 0.05% Proclin300, 50% glycerol, pH7.3.                               |
| Concentration                                  | 0.95mg/mL (varies by lot)                                                     |
| Sequence Length                                | 296                                                                           |
| Applicable Applications for anti-CD74 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                 |
| Immunogen                                      | Recombinant Human HLA class II histocompatibility antigen gamma chain protein |
| Conjugation                                    | Unconjugated                                                                  |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                              |

### IMAGES



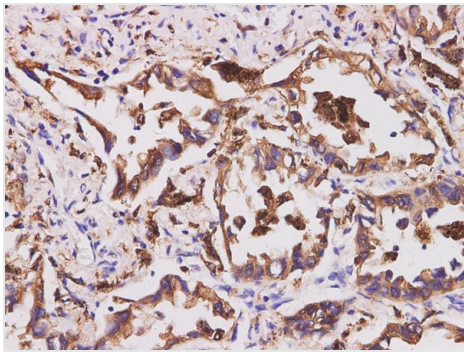
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Rat spleen using CD74 Polyclonal Antibody at dilution of 1:200



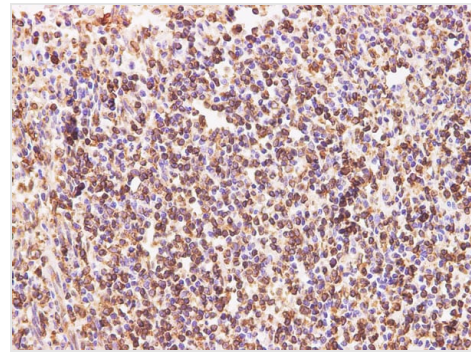
**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded Rat spleen using CD74 Polyclonal Antibody at dilution of 1:200



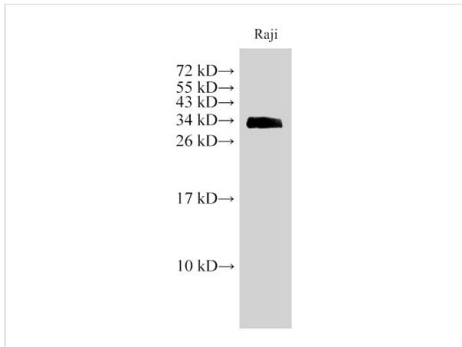
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human lung cancer using CD74 Polyclonal Antibody at dilution of 1:200



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil using CD74 Polyclonal Antibody at dilution of 1:200



#### WB (Western Blot)

Western Blot analysis of Raji cell using CD74 Polyclonal Antibody at dilution of 1:1000

## ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-CD74 antibody</b> | The protein encoded by this gene associates with class II major histocompatibility complex (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. |
| <b>Product Categories/Family for anti-CD74 antibody</b>   | Cancer; Immunology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## NCBI AND UNIPROT INFORMATION

|                                         |                                                     |
|-----------------------------------------|-----------------------------------------------------|
| <b>NCBI GI #</b>                        | 20178292                                            |
| <b>NCBI GeneID</b>                      | 972                                                 |
| <b>UniProt Accession #</b>              | P04233                                              |
| <b>Molecular Weight</b>                 | Calculated: 33; 26; 18 kDa<br>Observed: 35 kDa      |
| <b>NCBI Official Full Name</b>          | HLA class II histocompatibility antigen gamma chain |
| <b>NCBI Official Synonym Full Names</b> | CD74 molecule                                       |
| <b>NCBI Official Symbol</b>             | CD74                                                |
| <b>NCBI Official Synonym Symbols</b>    | II; p33; DHLAG; HLADG; Ia-GAMMA                     |
| <b>NCBI Protein Information</b>         | HLA class II histocompatibility antigen gamma chain |
| <b>UniProt Protein Name</b>             | HLA class II histocompatibility antigen gamma chain |

|                            |            |
|----------------------------|------------|
| UniProt Gene Name          | CD74       |
| UniProt Synonym Gene Names | DHLAG; li  |
| UniProt Entry Name         | HG2A_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd74-antibody-immunohistochemistry-western-blot-elisa/176055>