

## CD74 Polyclonal Antibody

catalog number: **E-AB-40347**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

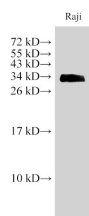
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human HLA class II histocompatibility antigen gamma chain protein
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:100-1:300

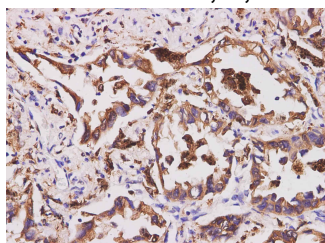
### Data



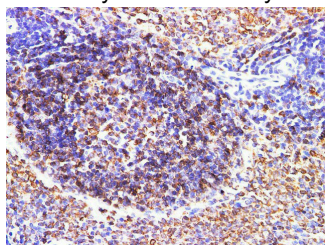
Western Blot analysis of Raji cell using CD74 Polyclonal Antibody at dilution of 1:1000

**Observed-MW:35 kDa**

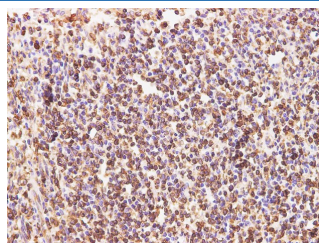
**Calculated-MW:33,26,18 kDa**



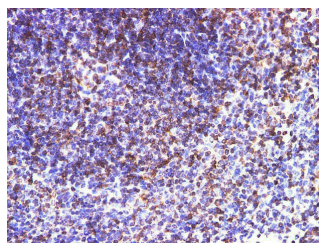
Immunohistochemistry of paraffin-embedded Human lung cancer using CD74 Polyclonal Antibody at dilution of 1:200



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



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



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

### Preparation & Storage

**Storage** Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

### For Research Use Only

Toll-free: 1-888-852-8623  
Web: [www.elabscience.com](http://www.elabscience.com)

Tel: 1-832-243-6086  
Email: [techsupport@elabscience.com](mailto:techsupport@elabscience.com)

Fax: 1-832-243-6017

Rev. V2.1

**Shipping**

The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

**Background**

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.

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