

**Product Name: CD74 Rabbit Monoclonal Antibody****Catalog #: AMRe86464**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	IHC 1:200-1:500
<b>Molecular Weight</b>	Calculated MW:34 kDa; Observed MW:34 kDa

**Antigen Information**

<b>Gene Name</b>	CD74
<b>Alternative Names</b>	II; p33; DHLAG; HLADG; Ia-GAMMA
<b>Gene ID</b>	972
<b>SwissProt ID</b>	P04233
<b>Immunogen</b>	A synthetic peptide of human CD74

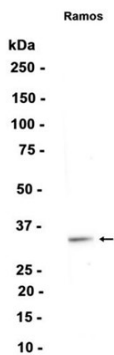
**Background**

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

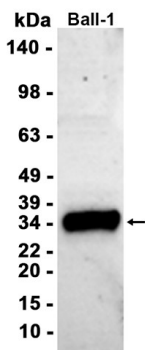
macrophage migration inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (Abeta). Multiple alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2011]

## Research Area

## Image Data



Western blot analysis of extracts from Ramos cells using CD74 Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from Ball-1 cells using AMRe86464 at 1:1000.