

For Research Use Only

CD74 Recombinant antibody

Catalog Number: 85802-1-RR



Basic Information

Catalog Number:

85802-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2716

GenBank Accession Number:

NM_001042605.1

GeneID (NCBI):

16149

UNIPROT ID:

P04441-1

Full Name:

CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)

Calculated MW:

32 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

250109F2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : A20 cells, RAW 264.7 cells, mouse small intestine tissue, mouse lung tissue, mouse thymus tissue, mouse spleen tissue, rat spleen tissue

Background Information

CD74, also known as MHC class II invariant chain Ii or HLA-DR-associated invariant chain, is a non-polymorphic type II transmembrane glycoprotein. CD74 is mainly distributed in B cells, monocytes, Langerhans cells, dendritic cells and thymic epithelial cells, and is also expressed in epithelial cells. CD74 plays a key role in MHC class II antigen processing and also serves as a cell surface receptor for the macrophage cytokine MIF. CD74 plays an important role in cardiovascular diseases such as atherosclerosis, ischemic heart disease, and myocardial hypertrophy. (PMID: 15475450; PMID: 27752708; PMID: 38992165; PMID: 36712241).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

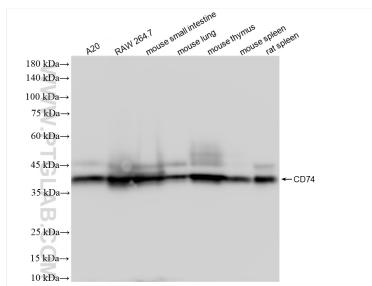
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85802-1-RR (CD74 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.