

For Research Use Only

CD74 Recombinant antibody

Catalog Number: 86023-5-RR



Basic Information

Catalog Number: 86023-5-RR	GenBank Accession Number: NM_001025159.3	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 972	CloneNo.: 250520812
Source: Rabbit	UNIPROT ID: P04233-2	Recommended Dilutions: WB: 1:2000-1:10000
Isotype: IgG	Full Name: CD74 molecule, major histocompatibility complex, class II invariant chain	
Immunogen Catalog Number: EG1945	Calculated MW: 26 kDa	
	Observed MW: 37 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Daudi cells, Raji cells
Species Specificity: human	

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:

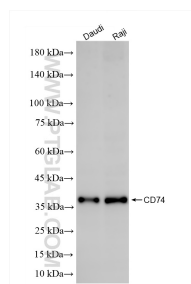
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86023-5-RR (CD74 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.