

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	GenID (NCBI):	972	CloneNo.:	250520B12
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:	Positive Controls:
WB, ELISA	WB: Daudi cells, Raji cells
Species Specificity:	

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:

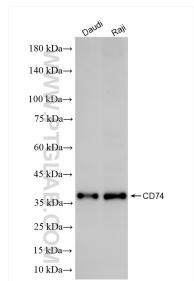
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.