

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
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	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

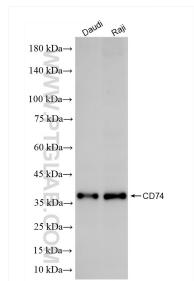
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.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.