

For Research Use Only

CD74 Recombinant antibody, PBS Only

Catalog Number: 86023-5-PBS



Basic Information

Catalog Number:	86023-5-PBS	GenBank Accession Number:	NM_001025159.3	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GenID (NCBI):	972	CloneNo.:	250520B12
Source:	Rabbit	UNIPROT ID:	P04233-2		
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, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

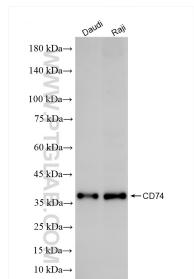
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86023-5-RR (CD74 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86023-5-PBS in a different storage buffer formulation.