

For Research Use Only

CD74 Recombinant antibody

Catalog Number: 85802-2-RR



Basic Information

Catalog Number: 85802-2-RR	GenBank Accession Number: NM_001042605.1	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 16149	CloneNo.: 250109B11
Source: Rabbit	UNIPROT ID: P04441-1	Recommended Dilutions: IHC: 1:2000-1:8000
Isotype: IgG	Full Name: CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated)	
Immunogen Catalog Number: EG2716	Calculated MW: 32 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse spleen tissue,
Species Specificity: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

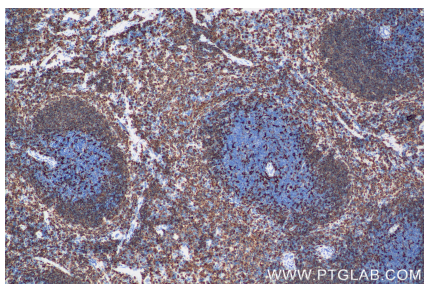
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

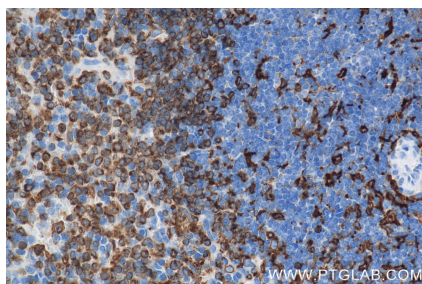
For technical support and original validation data for this product please contact:
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85802-2-RR (CD74 antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 85802-2-RR (CD74 antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).