

AB-NN229-1

CD74 Antibody

Pan-specific monoclonal antibody (PIN.1) for monitoring the expression of human CD74



KINEXUS

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Target Protein

Name Long:	HLA class II histocompatibility antigen gamma chain (CD74)
Alias:	DHLA2, HLA DR gamma, HLADG, p33, p35, Protein 41
UniProt ID:	P04233 - Human
Human Predicted Mass (kDa):	33.516 (296 AA; P04233-1); 26.399 (232 AA; P04233-2); 18.328 (160 AA; P04233-3)
Observed SDS-PAGE Mass (kDa):	33-35

Immunogen

Antibody Immunogen Source:	Human CD74 invariant chain synthetic peptide
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	6 IgG
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4 pH7.2, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF IP FCM FACS
Antibody Dilution Recommended:	WB (1:1000), ICC/IF (1:50); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse
Antibody Positive Control:	1 µg/ml of SMC-116 was sufficient for detection of CD74 in 20 µg of PALA cell lysates by colorimetric immunolot analysis using goat anti-mouse IgG: AP as the secondary antibody.
Target Detection Immunoblotting:	Detects ~33-35 kDa protein protein doublet corresponding to the molecular mass of the p33 and p35 forms of human CD74.
Antibody Specificity:	Very high

This product is for in vitro research use only and is not intended for use in humans or animals.

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