

Product Datasheet

CD74 Antibody (PIN.1) - Azide and BSA Free NBP2-80657

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-80657

CD74 Antibody (PIN.1) - Azide and BSA Free

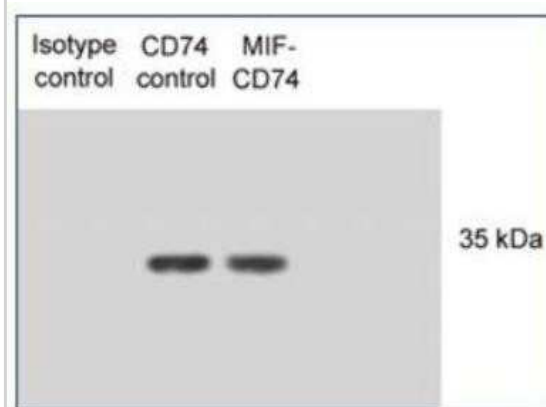
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PIN.1
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS

Product Description	
Host	Mouse
Gene ID	972
Gene Symbol	CD74
Species	Human, Mouse (Negative)
Reactivity Notes	Human. Does not react with mouse.
Immunogen	Peptide corresponding to residues 12-27 of CD74, human invariant chain (short form).

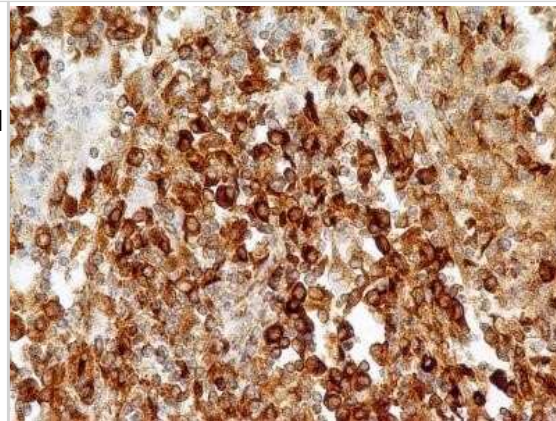
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 1 ug/million cells, Immunohistochemistry 5 ug/ml, Immunocytochemistry/ Immunofluorescence 1:10-1:2000, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 5 ug/ml, Immunocytochemistry, CyTOF-ready
Application Notes	In Simple Western only 10-15 ul of the recommended dilution is used per data point. In WB this detects an ~33-35 kDa protein doublet, corresponding to the apparent molecular mass of the p33 and p35 forms of human CD74. This antibody is CyTOF ready.

Images

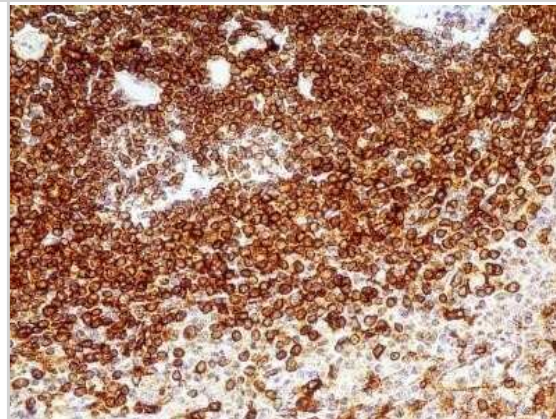
Western Blot: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - Western blot of CD74 from IP N87 lysates mixed with macrophage migration inhibitory factor (MIF). Image from the standard format of this antibody.



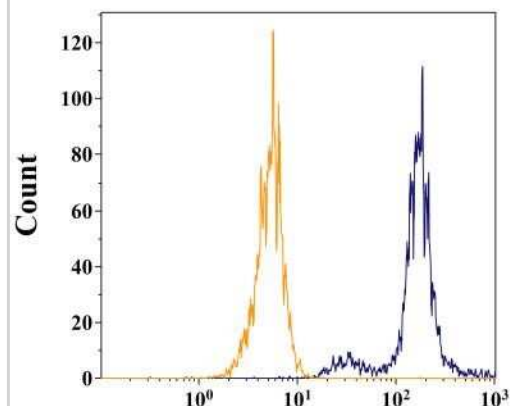
Immunocytochemistry: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human renal cell carcinoma using mouse monoclonal CD74 antibody (clone PIN.1) at 5 ug/ml concentration. Image from the standard format of this antibody.



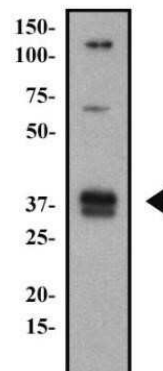
Immunohistochemistry-Paraffin: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human spleen using mouse monoclonal CD74 antibody (clone PIN.1) at 5 ug/ml concentration. Image from the standard format of this antibody.



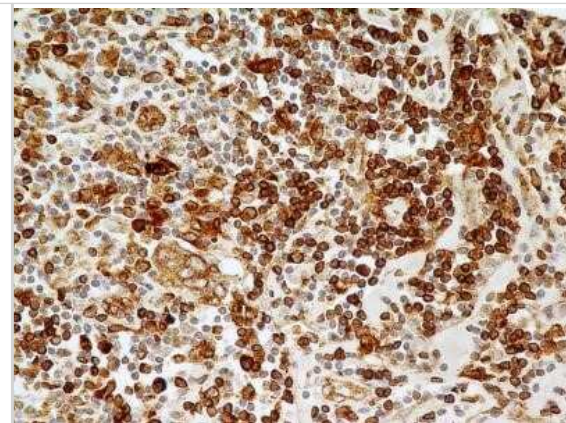
Flow Cytometry: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - CD74 in human PBMCs (gated on all monocytes). Orange represents isotype control and blue represents anti-CD74 antibody staining. Image from the standard format of this antibody.



Western Blot: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - Ramos whole cell protein was separated on a 4-12% gel by SDS-PAGE and protein transferred to PVDF. The membrane was probed with anti-CD74 at 2 ug/ml and detected with anti-mouse HRP secondary antibody using chemiluminescence. The arrow head shows the detection of CD74. Image from the standard format of this antibody.



Immunohistochemistry: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human pulmonary squamous cell carcinoma using mouse monoclonal CD74 antibody (clone PIN.1) at 5 ug/ml concentration. Image from the standard format of this antibody.





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Products Related to NBP2-80657

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-22758	Recombinant Human CD74 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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