

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.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-80657

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-80657



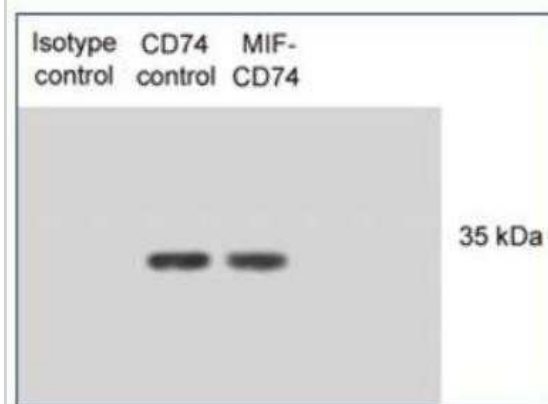
NBP2-80657

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

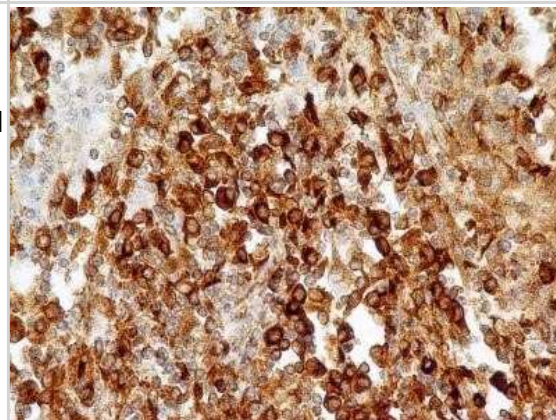
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | PIN.1 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Purity | Protein G purified |
| Buffer | PBS |
| Product Description | |
| Description | Novus Biologicals Mouse CD74 Antibody (PIN.1) - Azide and BSA Free (NB100-1985) is a monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready |
| 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, 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

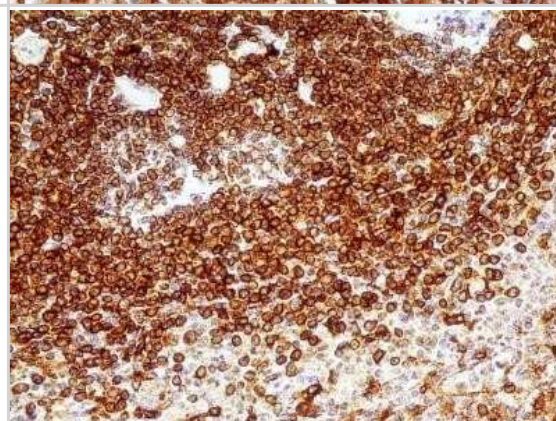
Western Blot: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - Western blot of CD74 from IP N87 lysates mixed with macrophage migration inhibitory factor (MIF). Image from the standard format of this antibody.



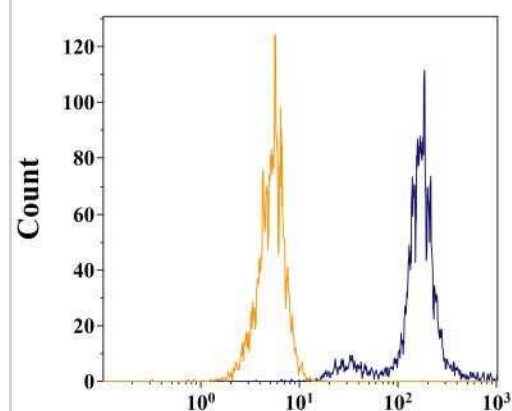
Immunocytochemistry: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human renal cell carcinoma using mouse monoclonal CD74 antibody (clone PIN.1) at 5 ug/ml concentration. Image from the standard format of this antibody.



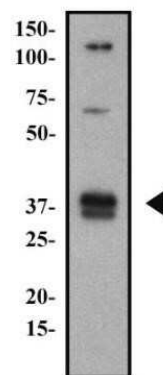
Immunohistochemistry-Paraffin: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human spleen using mouse monoclonal CD74 antibody (clone PIN.1) at 5 ug/ml concentration. Image from the standard format of this antibody.



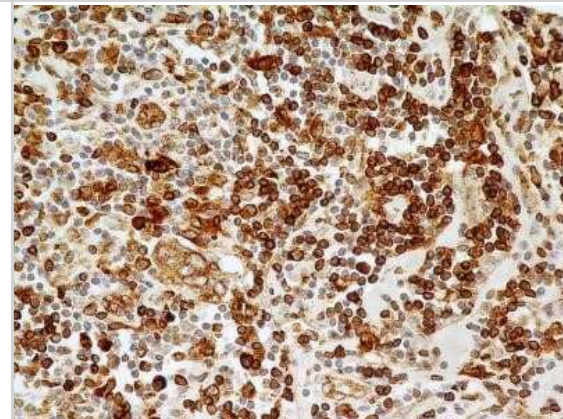
Flow Cytometry: CD74 Antibody (PIN.1) - Azide and BSA Free [NBP2-80657] - CD74 in human PBMCs (gated on all monocytes). Orange represents isotype control and blue represents anti-CD74 antibody staining. Image from the standard format of this antibody.



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.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-80657

| | |
|------------------|--|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-80657

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

