

Product Datasheet

CD74 Antibody - BSA Free NBP1-33109

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-33109

Updated 2/21/2025 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/NBP1-33109



NBP1-33109

CD74 Antibody - BSA Free

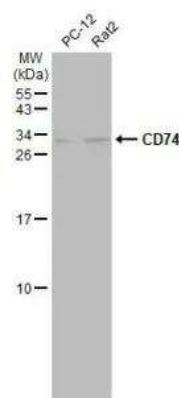
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	34 kDa

Product Description	
Host	Rabbit
Gene ID	972
Gene Symbol	CD74
Species	Human, Mouse, Rat
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human CD74. The exact sequence is proprietary.

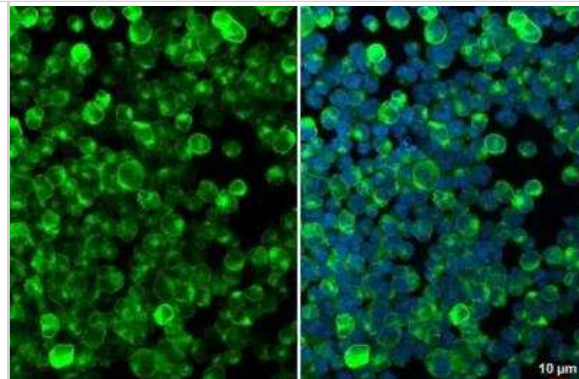
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin 1:100-1:1000

Images

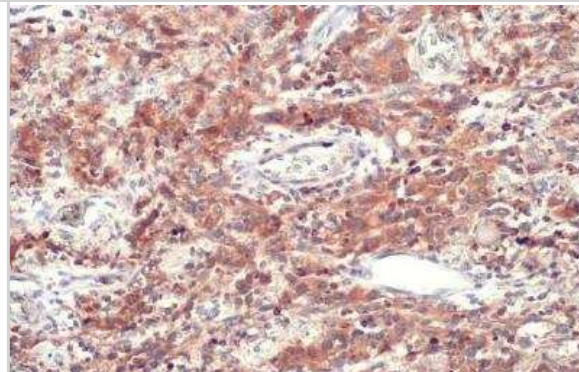
Western Blot: CD74 Antibody [NBP1-33109] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with CD74 antibody [N1N2], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



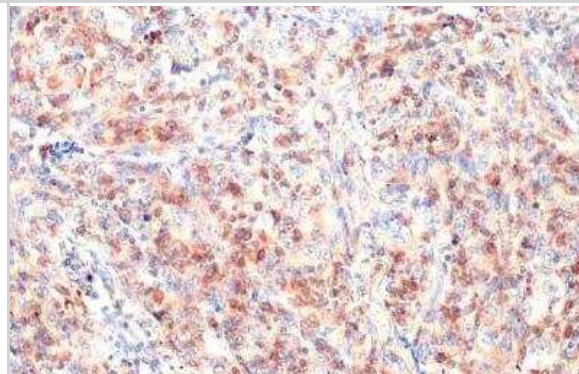
Immunocytochemistry/Immunofluorescence: CD74 Antibody [NBP1-33109] - Raji cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Blue: Fluoroshield with DAPI.



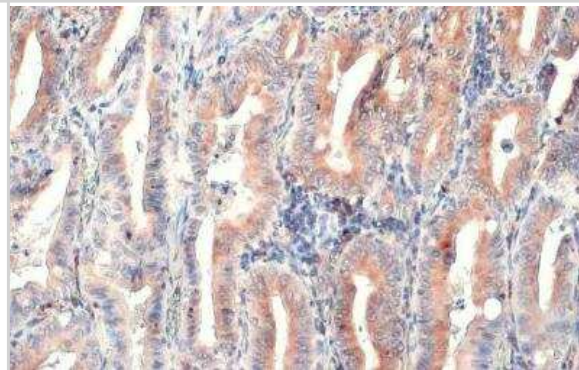
Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-33109] - Human lung cancer. CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



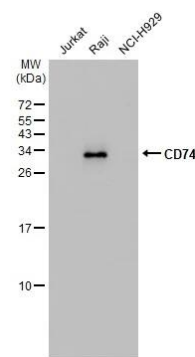
Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-33109] - Human lung cancer. CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-33109] - Human lung cancer. CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Western Blot: CD74 Antibody [NBP1-33109] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with CD74 antibody [N1N2], N-term (NBP1-33109) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Hu Y, Hu Q, Ansari M et Al. Airway-derived emphysema-specific alveolar type II cells exhibit impaired regenerative potential in COPD *Eur Respir J* 2024-08-15 [PMID: 39147413]

Wu, L;Zhao, Z;Shin, YJ;Yin, Y;Raju, A;Vaiyapuri, TS;Idzham, K;Son, M;Lee, Y;Sa, JK;Chua, JYH;Unal, B;Zhai, Y;Fan, W;Huang, L;Hu, H;Gunaratne, J;Nam, DH;Jiang, T;Tergaonkar, V; Tumour microenvironment programming by an RNA-RNA-binding protein complex creates a druggable vulnerability in IDH-wild-type glioblastoma *Nature cell biology* 2024-06-01 [PMID: 38858501]

Ishihara H, Kariya S, Okano M et al. Expression of macrophage migration inhibitory factor and CD74 in the inner ear and middle ear in lipopolysaccharide-induced otitis media. *Acta Otolaryngol.* 2016-05-16 [PMID: 27181906] (IF/IHC)

Uhlenbrock F, van Andel E, Andresen L, Skov S. A conserved WW domain-like motif regulates invariant chain-dependent cell-surface transport of the NKG2D ligand ULBP2. *Mol. Immunol.* 2015-05-13 [PMID: 25983110] (WB, Human)

Uhlenbrock F, Hagemann-Jensen M, Kehlet S et al. The NKG2D Ligand ULBP2 Is Specifically Regulated through an Invariant Chain-Dependent Endosomal Pathway. *J. Immunol.* 2014-08-15 [PMID: 25024379] (WB, Human)

Details:
CD74 antibody used for WB on Jurkat Tag-9 cells transfected or not with siRNA against CD74 (FIGURE 7D).



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 NBP1-33109

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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.

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/NBP1-33109

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

