

Product Datasheet

CD74 Antibody - Azide Free NBP1-33109

Unit Size: 0.1 ml

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

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Publications: 5

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NBP1-33109

CD74 Antibody - Azide Free

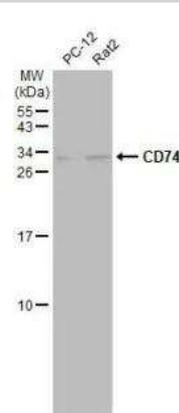
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 1% BSA, 20% Glycerol
Target Molecular Weight	34 kDa

Product Description	
Description	Novus Biologicals Rabbit CD74 Antibody - Azide Free (NBP1-33109) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-CD74 Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

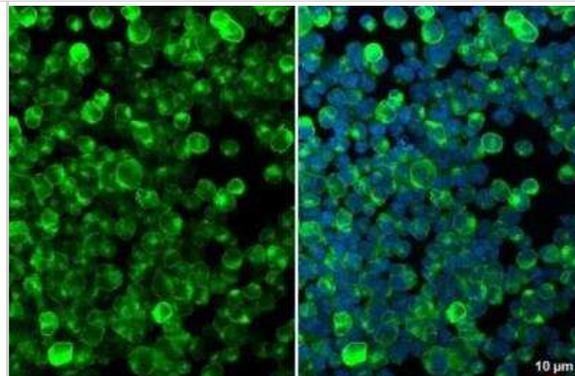
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence Assay dependent, Immunohistochemistry-Paraffin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

Images

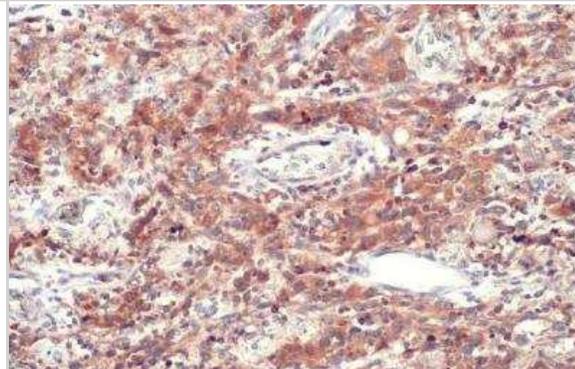
Western Blot: CD74 Antibody [NBP1-33109] - Various whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with CD74 antibody [N1N2], N-term diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



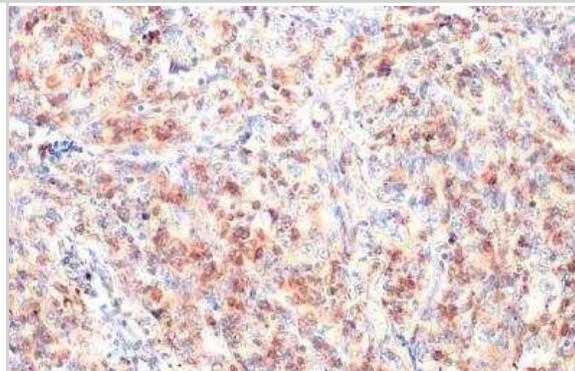
Immunocytochemistry/Immunofluorescence: CD74 Antibody [NBP1-33109] - Raji cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Blue: Fluoroshield with DAPI.



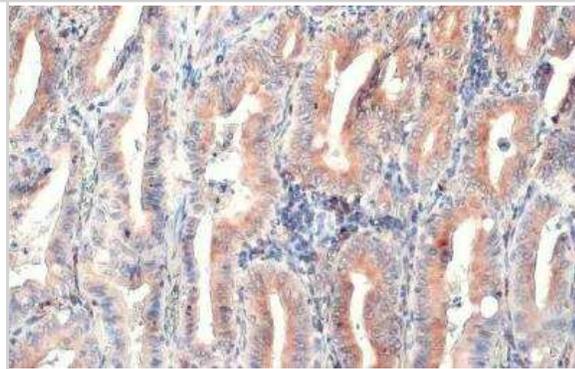
Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-33109] - Human lung cancer. CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



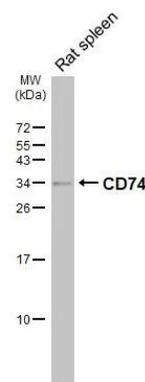
Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-33109] - Human lung cancer. CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



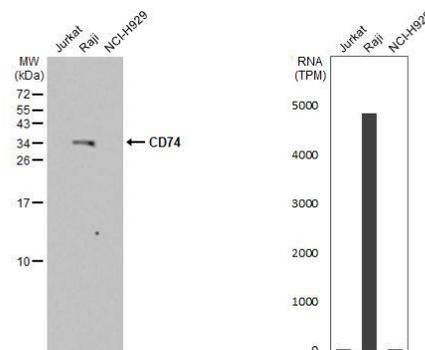
Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-33109] - Human lung cancer. CD74 stained by CD74 antibody [N1N2], N-term diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Rat tissue extract (50 µg) was 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 was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



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. Corresponding RNA expression data for the same cell lines are based on Human Protein Atlas program.



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).



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Products Related to NBP1-33109

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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