

# Product Datasheet

## CD74 Antibody - BSA Free NBP1-85225

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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### Publications: 2

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**NBP1-85225**

CD74 Antibody - BSA Free

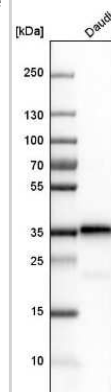
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	972
Gene Symbol	CD74
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 24594996).
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PKPVSKMRMATPLLMQALPMGALPQGPMQNATKYGNMTEDHVMHLLQNADP LKVYPPLKGSFPENLRHLKNTMETIDWKVFESWMHHWLLFEMSRHSLEQKPT DAPPK

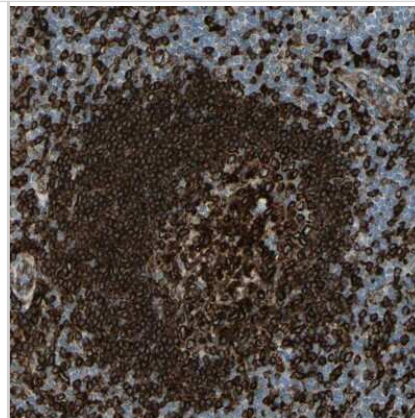
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

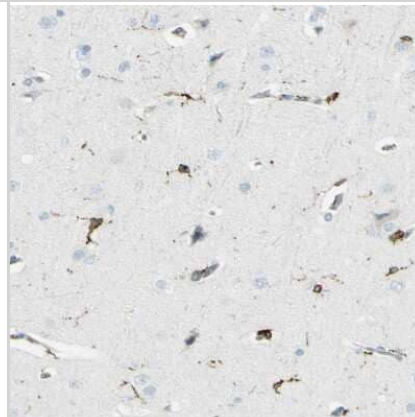
Western Blot: CD74 Antibody [NBP1-85225] - Analysis in human cell line Daudi.



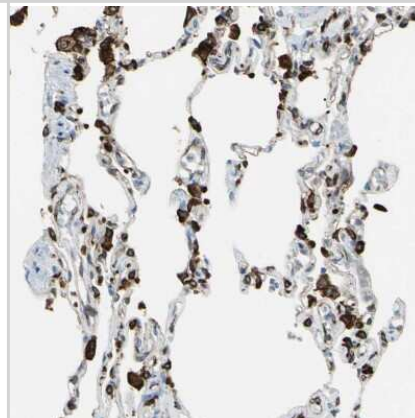
Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-85225] - Staining of human tonsil shows strong membranous and cytoplasmic positivity in germinal center cells and in non-germinal center cells.



Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-85225] - Staining of human cerebral cortex shows strong cytoplasmic positivity in microglia.



Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-85225] - Staining of human lung shows strong cytoplasmic positivity in macrophages.



Immunohistochemistry-Paraffin: CD74 Antibody [NBP1-85225] - Staining of human skeletal muscle shows no positivity in striated muscle fibers as expected.



## Publications

Otterstrom C, Soltermann A, Opitz I et al. CD74: a new prognostic factor for patients with malignant pleural mesothelioma. Br J Cancer 2014-04-15 [PMID: 24594996] (IF/IHC, Human)

Adamek D, Radwanska E, Gajda M et al. Expression of RCAS1 protein in microglia/macrophages accompanying brain tumours. An immunofluorescence study. Folia Neuropathol 2009-01-01 [PMID: 19813143]



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### **Products Related to NBP1-85225**

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NBP1-85225PEP	CD74 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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