

# Product Datasheet

## CD74 Antibody (CLIP/3127R)

### NBP3-07225-100ug

Unit Size: 100 ug

Store at 4C.

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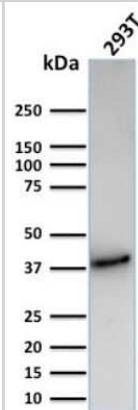
**NBP3-07225-100ug**

CD74 Antibody (CLIP/3127R)

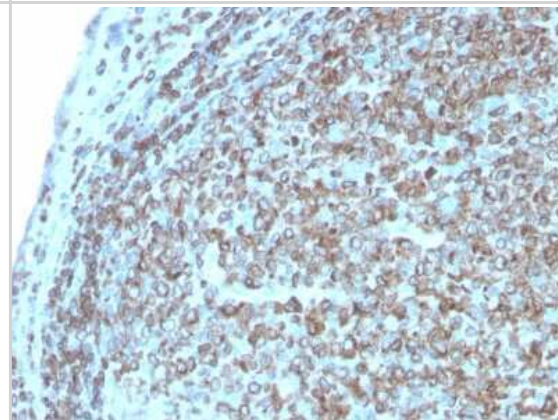
<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	0.2 mg/ml
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CLIP/3127R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Product Description</b>	
<b>Description</b>	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08927)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
<b>Host</b>	Rabbit
<b>Gene ID</b>	972
<b>Gene Symbol</b>	CD74
<b>Species</b>	Human, Mouse, Baboon, Rat (Negative)
<b>Reactivity Notes</b>	Does not react with Rat.
<b>Marker</b>	B-Cell Marker
<b>Specificity/Sensitivity</b>	It recognizes a protein of ~35kDa, identified as CD74 (Workshop IV). CD74 is a type II transmembrane protein which binds to the peptide binding groove of newly synthesized MHC class II alpha/beta heterodimers and prevents their premature association with endogenous polypeptides. CD74 is expressed primarily by antigen presenting cells, such as B-lymphocytes (from before the pre-B cell stage to before the plasma cell stage), macrophages, and monocytes, and many epithelial cells. Anti-CD74 stains predominantly germinal center lymphocytes and B-cell lymphomas, but rarely T-cell lymphomas. Anti-CD74 has been shown to be useful in differentiating atypical fibroxanthoma (-) from malignant fibrous histiocytoma (+).
<b>Immunogen</b>	SU-DHL-4 lymphoma cells
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry-Paraffin 1-2 ug/ml
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

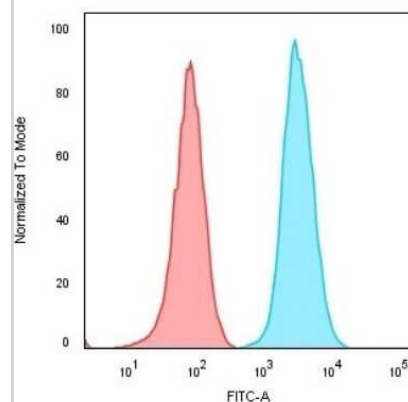
Western Blot: CD74 Antibody (CLIP/3127R) [NBP3-07225] - Western Blot Analysis of Human 293T cell lysate using CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/3127R).



Immunohistochemistry-Paraffin: CD74 Antibody (CLIP/3127R) [NBP3-07225] - Formalin-fixed, paraffin-embedded human Tonsil stained with CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/3127R).



Flow Cytometry: CD74 Antibody (CLIP/3127R) [NBP3-07225] - Flow Cytometric Analysis of Raji cells. CD74 Recombinant Rabbit Monoclonal Antibody (CLIP/3127R) followed by goat anti- Mouse IgG-CF488 (Blue). Isotype Control (Red).





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### **Products Related to NBP3-07225-100ug**

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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

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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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