

# Product Datasheet

## CD58/LFA-3 Antibody (PSH02-74) NBP3-32161

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32161**

CD58/LFA-3 Antibody (PSH02-74)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH02-74
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	28 kDa

Product Description	
Description	Novus Biologicals Rabbit CD58/LFA-3 Antibody (PSH02-74) (NBP3-32161) is a recombinant monoclonal antibody validated for use in WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	965
Gene Symbol	CD58
Species	Human
Immunogen	Recombinant protein within human CD58/LFA-3 aa 29-215 (Extracellular). (Uniprot: P19256)

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000



## Images

Western Blot: CD58/LFA-3 Antibody (PSH02-74) [NBP3-32161] -  
Western blot analysis of CD58/LFA-3 on different lysates with Rabbit anti-CD58/LFA-3 antibody (NBP3-32161) at 1/1,000 dilution.

Lane 1: HeLa cell lysate  
Lane 2: Raji cell lysate  
Lane 3: Jurkat cell lysate  
Lane 4: K-562 cell lysate  
Lane 5: HUVEC cell lysate  
Lane 6: HT-29 cell lysate  
Lane 7: TF-1 cell lysate  
Lane 8: MCF7 cell lysate

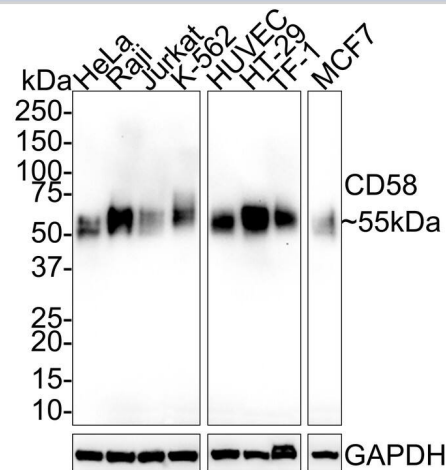
Lysates/proteins at 20 ug/Lane.

Predicted band size: 28 kDa  
Observed band size: 55 kDa

Exposure time: 5 minutes;

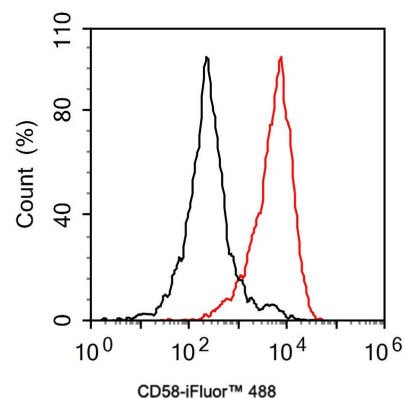
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32161) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



Flow Cytometry: CD58/LFA-3 Antibody (PSH02-74) [NBP3-32161] -  
Flow cytometric analysis of human peripheral blood lymphocytes labeling CD58/LFA-3.

Cells were washed twice with cold PBS and resuspend. Then stained with the primary antibody (NBP3-32161, 1µg/mL) (red) compared with Rabbit IgG Isotype Control (black). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C.





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### **Products Related to NBP3-32161**

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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

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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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