

# Product Datasheet

## CD55/DAF Antibody (LU30) - Chimeric - Azide and BSA Free NBP2-62562

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-62562**

CD55/DAF Antibody (LU30) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	LU30
Preservative	0.02% Proclin 300
Isotype	IgG Lambda
Purity	Protein A purified
Buffer	PBS

Product Description	
Host	Rabbit
Gene ID	1604
Gene Symbol	CD55
Species	Human
Specificity/Sensitivity	The antibody binds to CD55 with a Kd of 13 nM.
Immunogen	Human CD55.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Human format, for improved compatibility with existing reagents, assays and techniques.

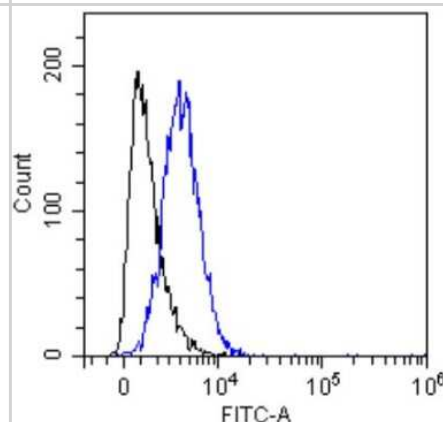


## Images

**Immunohistochemistry: CD55/DAF Antibody (LU30) - Chimeric [NBP2-62562]** - Immunohistochemical staining of human lung tissue using anti-CD55 antibody. LU30 Anti-CD55 (Complement decay-accelerating factor) staining of paraffin embedded human lung tissue using the rabbit-chimeric version of LU30 (NBP2-62562). Antigen retrieval was achieved by microwaving in citrate buffer (pH6), followed by blocking with protein block serum-free buffer. Primary antibody incubation with NBP2-62562 was carried out at 4 ug/ml for 30 minutes. Samples were then incubated with an anti-rabbit IgG HRP secondary antibody for 20 mins followed by DAB (3,3'-diaminobenzidine), and counter staining with haematoxylin. Strong staining of the epithelial surface of alveoli may be observed. Recommended concentration, 2-4 ug/ml.



**Flow Cytometry: CD55/DAF Antibody (LU30) - Chimeric [NBP2-62562]** - Flow-cytometry using the anti-CD55 (Complement decay-accelerating factor) antibody LU-30. U93 cells were stained with unimmunized rabbit IgG antibody (black line) or the rabbit-chimeric version of LU-30 (NBP2-62562, blue line) at a concentration of 10 ug/ml for 30 mins at RT. After washing, bound antibody was detected using an anti-rabbit IgG JK (FITC-conjugate) antibody at 2 ug/ml and cells analyzed on a FACSCanto flow-cytometer.





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### **Products Related to NBP2-62562**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-61982-50ug	Recombinant Human CD55/DAF Isoform 1 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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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