

Product Datasheet

CD55/DAF Antibody (F4-29D9)

NBP2-44872-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44872-0.1mg

CD55/DAF Antibody (F4-29D9)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	F4-29D9
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	70 kDa

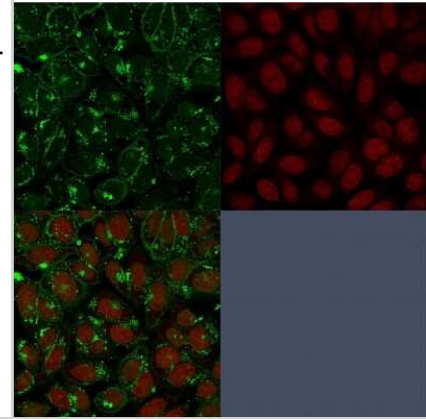
Product Description	
Description	<p>200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47963)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	1604
Gene Symbol	CD55
Species	Human
Specificity/Sensitivity	<p>Recognizes a single chain glycoprotein of 70kDa, identified as CD55. This monoclonal antibody was clustered in Kobe at the Sixth International Workshop on Human Leukocyte Differentiation Antigens as F429D-9 (N-L120). CD55/DAF is widely expressed on cells throughout the body including leukocytes, erythrocytes, epithelium, endothelium, and fibroblasts. It is a Glycosyl phosphatidylinositol anchored (GPI-anchored) member of the membrane bound complement regulatory proteins that inhibit autologous complement cascade activation. It prevents the amplification steps of the complement cascade by interfering with the assembly of the C3-convertases, C4b2a and C3bBb, and the C5-convertase, C4b2a3b and C3bBb3b. CD55 also serves as receptor for CD97 and for echovirus and Cocksackie B virus. Anti-CD55 can be used as marker for paroxysmal nocturnal hemoglobinuria (PNH).</p>
Immunogen	Human umbilical vein endothelial cells (HUVEC)

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1-2 ug/million cells, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml
Application Notes	Optimal dilution for a specific application should be determined.

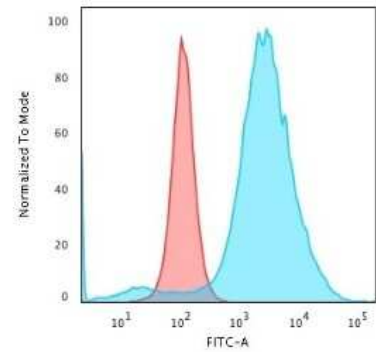


Images

Immunocytochemistry/Immunofluorescence: CD55/DAF Antibody (F4-29D9) [NBP2-44872] - Immunofluorescent staining of paraformaldehyde-fixed HeLa cells with CD55/DAF Antibody (F4-29D9) followed by goat anti-Mouse IgG-CF488 (Green). Counterstain is Red Dot.



Flow Cytometry: CD55/DAF Antibody (F4-29D9) [NBP2-44872] - Flow Cytometric Analysis of paraformaldehyde-fixed HeLa cells with CD55/DAF Antibody (F4-29D9) followed by goat anti-Mouse IgG-CF488 (Blue) Isotype Control (Red)



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Products Related to NBP2-44872-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-61982-50ug	Recombinant Human CD55/DAF Isoform 1 His Protein

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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