

Product Datasheet

VCAM-1/CD106 Antibody (B-K9 (C106-K9)) - Chimeric - Azide and BSA Free NBP3-12081-0.2mg

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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Updated 9/9/2025 v.20.1

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NBP3-12081-0.2mg

VCAM-1/CD106 Antibody (B-K9 (C106-K9)) - 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	B-K9 (C106-K9)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

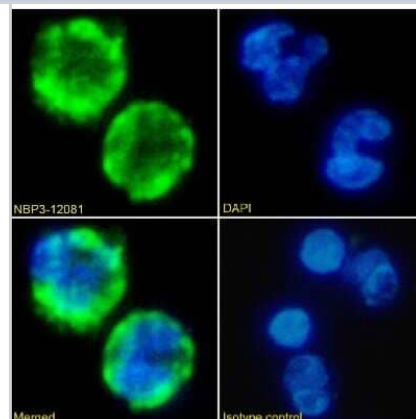
Product Description	
Description	Novus Biologicals Rabbit VCAM-1/CD106 Antibody (B-K9 (C106-K9)) - Chimeric - Azide and BSA Free (NBP3-12081) is a recombinant monoclonal antibody validated for use in Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7412
Gene Symbol	VCAM1
Species	Human
Specificity/Sensitivity	B-K9 antibody recognizes VCAM-1/CD106 (VCAM1). VCAM-1/CD106 is a member of the Ig superfamily. It is a cell surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and may play a role in the development of atherosclerosis and rheumatoid arthritis.
Immunogen	This antibody was raised by immunizing Balb/c mice against activated human umbilical vein endothelial cells (HUVEC).

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize
Application Notes	This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

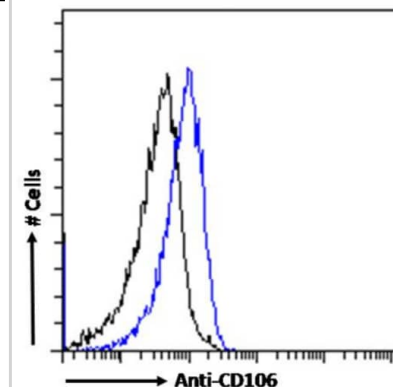


Images

Immunocytochemistry/Immunofluorescence: VCAM-1/CD106 Antibody (B-K9 (C106-K9)) - Chimeric [NBP3-12081] - Immunofluorescence analysis of paraformaldehyde fixed human peripheral blood leukocytes on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of B-K9 (C106-K9) (NBP3-12081) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-12081, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.



Flow Cytometry: VCAM-1/CD106 Antibody (B-K9 (C106-K9)) - Chimeric - Azide and BSA Free [NBP3-12081] - Paraformaldehyde fixed K562 cells were stained with anti-unknown specificity antibody (isotype control, black line) or NBP3-12081 (blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.





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Products Related to NBP3-12081-0.2mg

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-55858PEP	VCAM-1/CD106 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]

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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