

# 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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**NBP3-12081-0.2mg**

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

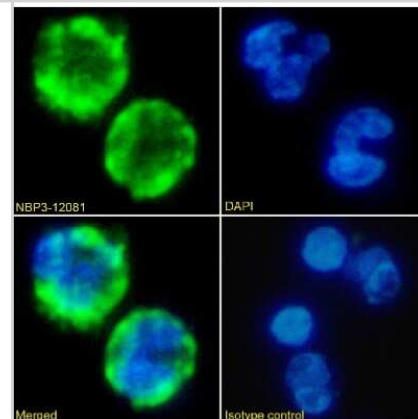
Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	B-K9 (C106-K9)
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
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.





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### **Products Related to NBP3-12081-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7156	Goat anti-Rabbit IgG (H+L) Secondary Antibody
NBP2-55858PEP	VCAM-1/CD106 Recombinant Protein Antigen
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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