

# Product Datasheet

## **Integrin alpha 4/CD49d Antibody (44H6) [Janelia Fluor® 669] NB100-64903JF669**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB100-64903JF669**

Integrin alpha 4/CD49d Antibody (44H6) [Janelia Fluor® 669]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	44H6
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Janelia Fluor 669
Purity	Ion exchange chromatography
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	3676
Gene Symbol	ITGA4
Species	Human
Specificity/Sensitivity	NB100-64903 recognizes CD49d, also known as Integrin alpha 4, which associates with either CD29 (integrin beta 1) or integrin beta 7. CD49d is a 150kD molecule, which may be cleaved to 80kD and 70kD fragments. It is expressed by lymphocytes, monocytes, eosinophils and thymocytes. VLA-4 mediates cell adhesion to VCAM-1 and fibronectin. 44H6 induces homotypic aggregation.
Immunogen	HOON pre-B leukaemia cell line
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin (Negative)
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin (Negative)
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NB100-64903JF669**

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H00003676-Q01-10ug	Recombinant Human Integrin alpha 4/CD49d GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBL1-12064	Integrin alpha 4/CD49d Overexpression Lysate
AF3628	CD31/PECAM-1 Antibody [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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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