

# Product Datasheet

## Integrin beta 4/CD104 Antibody (450-9D) [FITC] NB100-63326

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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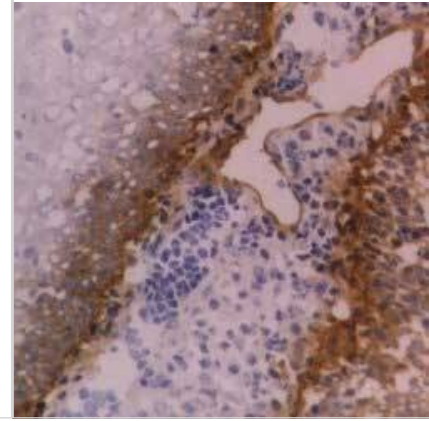
**NB100-63326**

Integrin beta 4/CD104 Antibody (450-9D) [FITC]

Product Information	
Unit Size	0.1 mg
Concentration	0.1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	450-9D
Preservative	0.09% Sodium Azide
Isotype	IgG1
Conjugate	FITC
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	3691
Gene Symbol	ITGB4
Species	Human
Reactivity Notes	Predicted cross-reactivities: Ferret, Mink, Mustelid
Specificity/Sensitivity	NB100-65599 recognizes the human beta4 integrin (also known as CD104), a 205kD glycoprotein which associates with the alpha6 integrin to form the alpha6/beta4 complex. CD104 is expressed on epithelial cells, Schwann cells and various tumour cell lines. NB100-65599 recognizes an extracellular epitope on the CD104 molecule.
Immunogen	Purified alpha6 beta4 integrin from A431 cells
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry 1:10-1:1000
Application Notes	For Flow Cytometry: Use 10 ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100 ul. The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. The use of acetone fixation for frozen sections is recommended.

## Images

Immunohistochemistry: Integrin beta 4/CD104 Antibody (450-9D) [FITC] - [NB100-63326] - Staining of human tonsil cryostat section with Mouse anti human CD104 antibody, clone 450-9D.





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### **Products Related to NB100-63326**

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NBP1-96849	Mouse IgG1 Isotype Control (MG1) [FITC]
NBP2-61461-10ug	Recombinant Human Integrin beta 4/CD104 His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-39965	Human Integrin beta 4/CD104 ELISA Kit (Colorimetric)

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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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