

Product Datasheet

Integrin alpha 4/CD49d Antibody (44H6) - BSA Free NB100-64903

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-64903

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB100-64903

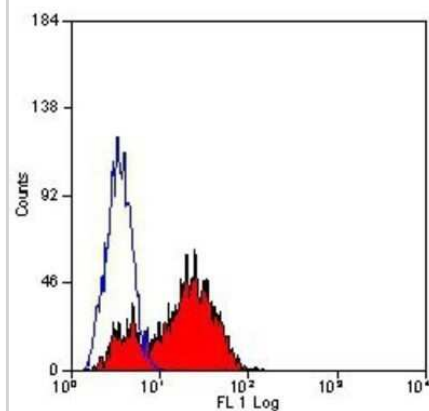


NB100-64903**Integrin alpha 4/CD49d Antibody (44H6) - BSA Free**

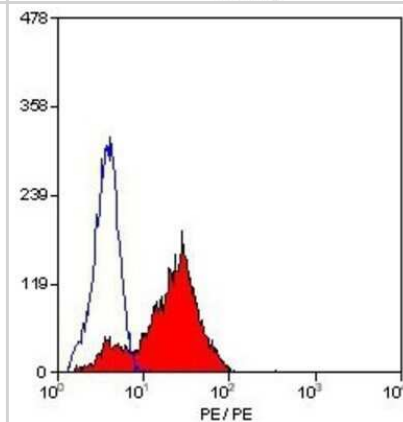
| Product Information | |
|------------------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 44H6 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG1 |
| Purity | Ion exchange chromatography |
| Buffer | PBS |
| Product Description | |
| Description | Novus Biologicals Mouse Integrin alpha 4/CD49d Antibody (44H6) - BSA Free (NB100-64903) is a monoclonal antibody validated for use in IHC and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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 |
| Product Application Details | |
| Applications | Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin (Negative) |
| Recommended Dilutions | Flow Cytometry 1:40, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:50-1:100, Immunohistochemistry-Paraffin (Negative) |
| Application Notes | Overnight incubation with clone 44H6 is recommended for optimal results. 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

Flow Cytometry: Integrin alpha 4/CD49d Antibody (44H6) [NB100-64903]
- Analysis using the FITC conjugate of NB100-64903. Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD49d: FITC.



Flow Cytometry: Integrin alpha 4/CD49d Antibody (44H6) [NB100-64903]
- Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD49d: RPE.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-64903

| | |
|------------------|--|
| NBL1-12064 | Integrin alpha 4/CD49d Overexpression Lysate |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB100-64903

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

