

Product Datasheet

Integrin alpha 5/CD49e Antibody (HMa5-1) - BSA Free NBP1-43401-0.5mg

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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NBP1-43401-0.5mg

Integrin alpha 5/CD49e Antibody (HMa5-1) - BSA Free

| Product Information | |
|---------------------|-----------------------------|
| Unit Size | 0.5 mg |
| Concentration | 0.5 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Monoclonal |
| Clone | HMa5-1 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A or G purified |
| Buffer | PBS (pH 7.2) |

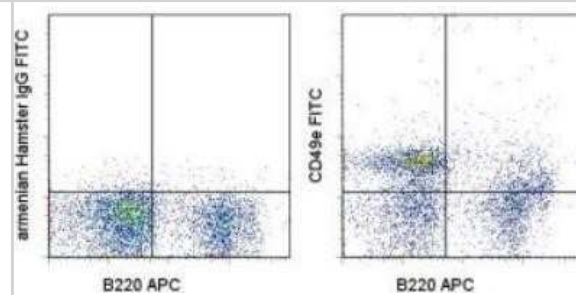
| Product Description | |
|---------------------|--|
| Host | Armenian Hamster |
| Gene ID | 3678 |
| Gene Symbol | ITGA5 |
| Species | Mouse, Rat |
| Immunogen | The immunogen for this antibody was CD49e. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation |
| Recommended Dilutions | Flow Cytometry 1:10-1:1000, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500 |
| Application Notes | This HMa5-1 antibody has been tested by flow cytometric analysis of mouse bone marrow cell suspensions. This can be used at less than or equal to 1 ug per test. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 24256316) |

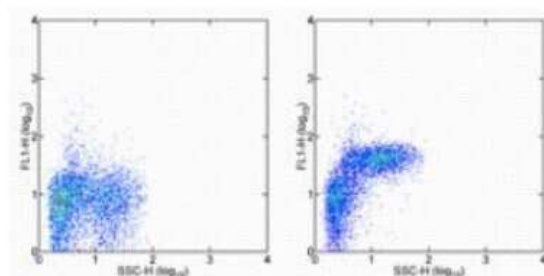


Images

Flow Cytometry: Integrin alpha 5/CD49e Antibody (HMa5-1) [NBP1-43401] - Analysis using the FITC conjugate of NBP1-43401. Staining of BALB/c bone marrow cells with Anti-Human/Mouse CD45R (B220) APC and 0.25 micrograms of Armenian Hamster IgG Isotype Control FITC (left) or 0.5 micrograms of Anti-Mouse/Rat CD49e (Integrin a5) FITC (right). Total viable cells were used for anal



Flow Cytometry: Integrin alpha 5/CD49e Antibody (HMa5-1) [NBP1-43401] - Staining of C57Bl/6 bone marrow cells with 0.5 ug of Armenian Hamster IgG Isotype Control Purified (left) or 0.5 ug of Anti-Mouse/Rat CD49e (Integrin alpha 5) Purified (right) followed by Anti-Armenian Hamster IgG FITC



Publications

Wakatsuki S, Araki T, Sehara-Fujisawa A. Neuregulin-1/glial growth factor stimulates Schwann cell migration by inducing alpha5 beta1 integrin-ErbB2-focal adhesion kinase complex formation. *Genes Cells*. 2013-11-20 [PMID: 24256316] (ICC/IF, Mouse, Rat)



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

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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