

Product Datasheet

Integrin beta 1/CD29 Antibody (MEM-101A) [FITC] NB500-384

Unit Size: 100 Tests

Store at 4C in the dark.

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NB500-384**Integrin beta 1/CD29 Antibody (MEM-101A) [FITC]**

Product Information	
Unit Size	100 Tests
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	MEM-101A
Preservative	0.9% Sodium Azide
Isotype	IgG1
Conjugate	FITC
Purity	Size Exclusion Chromatography
Buffer	PBS and 0.2% (w/v) high grade BSA (protease free)
Target Molecular Weight	130 kDa
Product Description	
Host	Mouse
Gene ID	3688
Gene Symbol	ITGB1
Species	Human, Porcine, Canine, Mouse (Negative)
Marker	Stem Cell Marker
Specificity/Sensitivity	The antibody MEM-101A reacts with CD29 (integrin beta1 chain), a 130 kDa single chain type I glycoprotein expressed as a heterodimer (non-covalently associated with the integrin alpha subunits 1-6). CD29 is broadly expressed on majority of hematopoietic and non-hematopoietic cells (leukocytes, platelets, fibroblasts, endothelial cells, epithelial cells and mast cells). HLDA VI; WS Code AS A048
Immunogen	Raji Burkitt's lymphoma cell line (NM_002211.3).
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 2 ug/ml, Immunoprecipitation 1:10-1:500
Application Notes	The reagent is designed for Flow Cytometry analysis of human blood cells using 20 ul reagent / 100 ul of whole blood or 10 ⁶ cells in a suspension.



Publications

Leukocyte Typing VI, Kishimoto T et al. 1997-01-01

Planka L, Necas A, Srnec R et al. Use of allogenic stem cells for the prevention of bone bridge formation in miniature pigs *Physiol Res* 2009-01-01 [PMID: 19093735]

Details:

This citation used the Biotin version of this antibody.

Simova S, Klima M, Cermak L, Sourkova V, Andera L. Arf and Rho GAP adapter protein ARAP1 participates in the mobilization of TRAIL-R1/DR4 to the plasma membrane *Apoptosis* 2008-03-01 [PMID: 18165900]

Details:

This citation used the FITC version of this antibody.





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 NB500-384

NBP1-96849	Mouse IgG1 Isotype Control (MG1) [FITC]
NB500-383PE	Integrin beta 1/CD29 Antibody (MEM-101A) [PE]
NBP2-59570-50ug	Recombinant Human Integrin beta 1/CD29 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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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