

Product Datasheet

Integrin alpha 6/CD49f Antibody (CLB-701) NBP1-42480

Unit Size: 0.2 ml

Store at 4C. Do not freeze.

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NBP1-42480**Integrin alpha 6/CD49f Antibody (CLB-701)**

Product Information	
Unit Size	0.2 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	CLB-701
Preservative	No Preservative
Isotype	IgG2a
Purity	Ion exchange chromatography
Buffer	20mM Tris (pH 8.0), 0.15M NaCl, 10 mg BSA and 0.001% Merthiolate
Product Description	
Host	Mouse
Gene ID	3655
Gene Symbol	ITGA6
Species	Human
Reactivity Notes	Human
Specificity/Sensitivity	The monoclonal antibody is directed against the CD49f antigen, molecular weight 30/31, 120 kD (GP Ic or VLA-6 alpha-chain), which can form distinct complexes with either the CD29 antigen (GP IIa or VLA beta chain), resulting in the VLA-6 (alpha-6, beta-1) complex which is expressed on human platelets, or with the beta-4 integrin resulting in the alpha-6, beta-4 complex which is expressed on various human epithelial cells. Platelet VLA-6 functions as a laminin receptor and platelet adhesion to laminin is inhibited by this antibody. The monoclonal antibody reacts with platelets, megakaryocytes, T-lymphocytes and common acute lymphoblastic leukemia cells (alpha-6, beta-1). In immunohistology the monoclonal antibody reacts with epithelial cells of a variety of tissues, peripheral nerves, microvascular endothelial cells, placenta cyto- and syncytiotrophoblasts.
Immunogen	The antibody reacts with the CD49f antigen.
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
Application Notes	Functional studies on VLA-6. The antibody is useful for indirect immunofluorescence staining with analysis by cytofluorometry or fluorescence microscopy and immunohistology.





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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