

# Product Datasheet

## Integrin alpha 2b/CD41 Antibody (MWRReg30) - BSA Free NBP1-43415-0.1mg

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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**NBP1-43415-0.1mg**

Integrin alpha 2b/CD41 Antibody (MWReg30) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MWReg30
Preservative	0.09% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	PBS (pH 7.2)

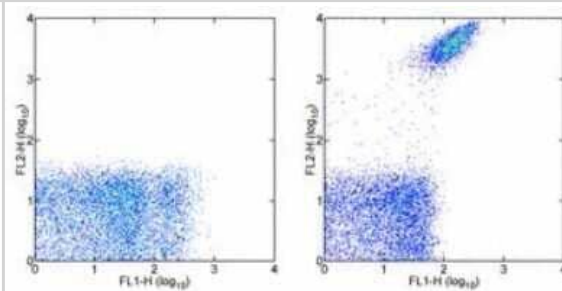
Product Description	
Host	Rat
Gene ID	3674
Gene Symbol	ITGA2B
Species	Mouse
Immunogen	The immunogen for this antibody was CD41.

Product Application Details	
Applications	ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin
Application Notes	This MWReg30 antibody has been tested by flow cytometric analysis of mouse platelets. This can be used at less than or equal to 0.25 ug per test. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test. Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 22262462).

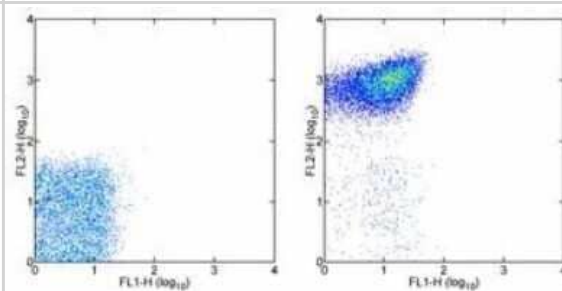


## Images

Flow Cytometry: Integrin alpha 2b/CD41 Antibody (MWReg30) [NBP1-43415] - Analysis using the Biotin conjugate of NBP1-43415. Staining of mouse platelets with Anti-Mouse/Rat CD61 (Integrin beta 3) FITC and 0.06 ug of Rat IgG1 K Isotype Control Biotin (left) or 0.06 ug of Anti-Mouse CD41 Biotin (right) followed by Streptavidin PE.



Flow Cytometry: Integrin alpha 2b/CD41 Antibody (MWReg30) [NBP1-43415] - Staining of mouse platelets with 0.125 ug of Rat IgG1 Isotype Control Purified (left) or 0.125 ug of Anti-Mouse CD41 Purified (right) followed by Anti-Rat IgG PE .



## Publications

Leberzammer J, Agten SM, Blanchet X et al. Targeting platelet-derived CXCL12 impedes arterial thrombosis *Blood* 2022-03-21 [PMID: 35313337] (FLOW, Mouse)

Iso-o N, Komatsuya K, Tokumasu F Et al. Malaria Parasites Hijack Host Receptors From Exosomes to Capture Lipoproteins *Frontiers in Cell and Developmental Biology* 2021-11-11 [PMID: 34858976] (S-ELISA, Mouse)

Saitoh N, Sakamoto C, Hagiwara M et al. The distribution of phosphorylated SR proteins and alternative splicing are regulated by RANBP2. *Mol Biol Cell*. 2012-03-01 [PMID: 22262462] (IHC-P, Mouse)



### **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 NBP1-43415-0.1mg**

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HAF005	Goat anti-Rat IgG Secondary Antibody [HRP]
NBP1-75398	Goat anti-Rat IgG (H+L) Secondary Antibody (Pre-adsorbed)
NBP1-43322-0.5mg	Rat IgG1 Kappa Light Chain Isotype Control (RG1)
NBP1-43415UV	Integrin alpha 2b/CD41 Antibody (MWRReg30) [DyLight 350]

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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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