

# Product Datasheet

## Integrin alpha 2b/CD41 Antibody (M148) - BSA Free NB100-2614

Unit Size: 0.1 mg

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

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### Publications: 4

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**NB100-2614****Integrin alpha 2b/CD41 Antibody (M148) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	M148
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Integrin alpha 2b/CD41 Antibody (M148) - BSA Free (NB100-2614) is a monoclonal antibody validated for use in IHC, Flow, ICC/IF and IP. Anti-Integrin alpha 2b/CD41 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3674
<b>Gene Symbol</b>	ITGA2B
<b>Species</b>	Human
<b>Immunogen</b>	Homogenized human medulloblastoma tissue.
<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, CyTOF-ready, Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 1:10 - 1:1000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunofluorescence 1:10 - 1:500, CyTOF-ready
<b>Application Notes</b>	No binding is observed to marrow constituents other than platelets and megakaryocytes. This antibody is CyTOF ready. Positive control(s): human platelets and megakaryocytes.

## Publications

Thomas KA, Rassam RMG, Kar R et al. Trauma patients have reduced ex vivo flow-dependent platelet hemostatic capacity in a microfluidic model of vessel injury. PloS one 2024-07-10 [PMID: 38985805]

Younes Zaid, Florian Puhm, Isabelle Allaey, Abdallah Naya, Mounia Oudghiri, Loubna Khalki, Youness Limami, Nabil Zaid, Khalid Sadki, Rafiqua Ben El Haj, Wissal Mahir, Lamiae Belayachi, Bouchra Belefquih, Amina Benouda, Amine Cheikh, Marc-André Langlois, Yahia Cherrah, Louis Flamand, Fadila Guessous, Eric Boilard Platelets Can Associate With SARS-CoV-2 RNA and Are Hyperactivated in COVID-19 Circulation Research 2020-09-17 [PMID: 32938299]

Shea SM, Thomas KA, Rassam RMG Et al. Dose-Dependent Von Willebrand Factor Inhibition by Aptamer BB-031 Correlates with Thrombolysis in a Microfluidic Model of Arterial Occlusion Pharmaceuticals (Basel) 2022-12-23 [PMID: 36558901] (ICC/IF, Human)

### Details:

Citation using the Janelia Fluor 646 version of this antibody.

Golomingi M, Kohler J, Jenny L et al. Complement lectin pathway components MBL and MASP-1 promote haemostasis upon vessel injury in a microvascular bleeding model Frontiers in immunology 2022-08-12 [PMID: 36032172] (Human)

### Details:

Microfluidics





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### **Products Related to NB100-2614**

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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)
NBP1-84579PEP	Integrin alpha 2b/CD41 Recombinant Protein Antigen

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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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