

# Product Datasheet

## **Integrin beta 3/CD61 Antibody (ITGB3/2166R) - Azide and BSA Free** **NBP3-08291**

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-08291**

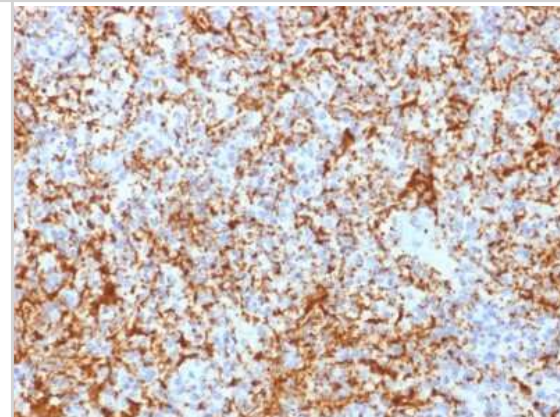
Integrin beta 3/CD61 Antibody (ITGB3/2166R) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ITGB3/2166R
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified
Buffer	10 mM PBS
Product Description	
Description	<p>1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA &amp; azide. Also available at 200 ug/ml WITH BSA &amp; azide (NBP3-07558).</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Rabbit
Gene ID	3690
Gene Symbol	ITGB3
Species	Human
Marker	Platelet Marker
Specificity/Sensitivity	<p>Reacts with human integrin beta3 (GPIIIa, vitronectin receptor beta chain). It associates with the IIb-chain (CD41) to form the GPIIb/GPIIIa complex (CD41/CD61). The CD41/CD61 complex appears early in megakaryocyte maturation. The activated CD41/CD61 complex is a receptor for von Willebrand factor, soluble fibrinogen, fibronectin, vitronectin and thrombospondin. It plays a central role in platelet activation and aggregation. The CD51/CD61 is implicated in tumor metastasis and adenoviral infection. The antibody detects platelets in smears of blood and bone marrow, as well as megakaryocytes in frozen sections and cell smears. The antibody is useful for classification of megakaryoblastic leukemia.</p>
Immunogen	Recombinant human Integrin beta 3/CD61 protein fragment (aa 385-490) (exact sequence is proprietary) (Uniprot: P05106)
Product Application Details	
Applications	Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

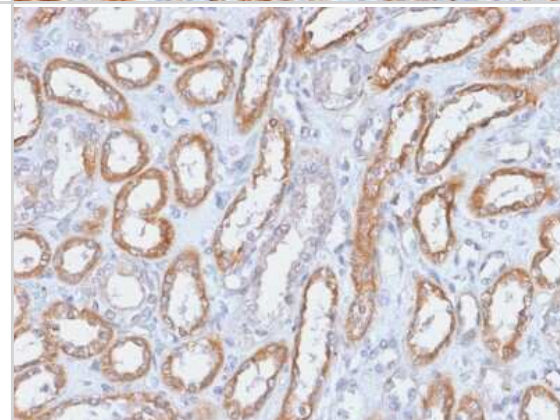


## Images

Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (ITGB3/2166R) - Azide and BSA Free [NBP3-08291] - Formalin-fixed, paraffin-embedded human Spleen stained with Integrin beta 3/CD61 Rabbit Recombinant Monoclonal Antibody (ITGB3/2166R).



Immunohistochemistry-Paraffin: Integrin beta 3/CD61 Antibody (ITGB3/2166R) - Azide and BSA Free [NBP3-08291] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with Integrin beta 3/CD61 Rabbit Recombinant Monoclonal Antibody (ITGB3/2166R).





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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-83453PEP	Integrin beta 3/CD61 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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