

# Product Datasheet

## Integrin alpha 2b/CD41 Antibody (IVA30) [Janelia Fluor® 549]

**NB500-496JF549**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-496JF549**

Integrin alpha 2b/CD41 Antibody (IVA30) [Janelia Fluor® 549]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	IVA30
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2
<b>Conjugate</b>	Janelia Fluor 549
<b>Purity</b>	Protein A purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3674
<b>Gene Symbol</b>	ITGA2B
<b>Species</b>	Human, Bovine
<b>Specificity/Sensitivity</b>	The antibody IVA30 reacts with CD41/CD61 complex (bovine), one of the earliest markers of the megakaryocytic lineage. CD41/CD61 complex acts as the receptor for fibrinogen, fibronectin, Von Willebrand factor, vitronectin, thrombin and mediates platelets aggregation. CD41/CD61 is expressed only by platelets and megakaryocytes; the complex may be absent or strongly reduced in Glanzmann's thrombasthenia (GT).
<b>Immunogen</b>	Bovine trombocytes.
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NB500-496JF549**

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NBP1-84579PEP	Integrin alpha 2b/CD41 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-10669	Integrin alpha 2b/CD41 Overexpression Lysate
M6000B-1	IL-6 [HRP]

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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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