

Product Datasheet

Integrin alpha 2b/CD41 Antibody (IVA30) - BSA Free NB500-496

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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Updated 10/23/2024 v.20.1

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NB500-496

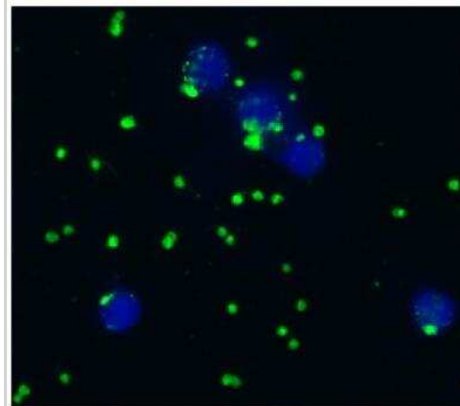
Integrin alpha 2b/CD41 Antibody (IVA30) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	IVA30
Preservative	0.9% Sodium Azide
Isotype	IgG2
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Host	Mouse
Gene ID	3674
Gene Symbol	ITGA2B
Species	Human, Bovine
Specificity/Sensitivity	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).
Immunogen	Bovine trombocytes.
Product Application Details	
Applications	ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Flow Cytometry 1-4 ug/ml, ELISA 1:2000, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:50, CyTOF-ready
Application Notes	This antibody is Cytof ready.

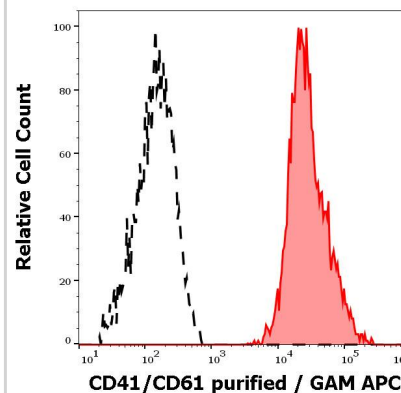


Images

Immunocytochemistry/Immunofluorescence: Integrin alpha 2b/CD41 Antibody (IVA30) [NB500-496] - Immunocytochemistry staining of acetone/methanol fixed bovine peripheral blood (thrombocyte-enriched suspension) using anti-bovine CD41/CD61 (IVA30); secondary antibody conjugated to FITC (green signal at thrombocytes), DNA stained with DAPI (blue signal).



Separation of bovine CD41/CD61 positive thrombocytes (red-filled) from CD41/CD61 negative leukocytes (black-dashed) in Analysis (surface staining) of bovine peripheral whole blood stained using anti-bovine CD41/CD61 (IVA30) purified antibody (concentration in sample 3 ug/ml, GAM APC).





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Products Related to NB500-496

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NB500-496UV	Integrin alpha 2b/CD41 Antibody (IVA30) [DyLight 350]
NBP1-84581PEP	Integrin alpha 2b/CD41 Recombinant Protein Antigen

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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