

Anti-CD41/Integrin alpha 2b/ITGA2B Antibody Picoband® Cy3 Conjugated

Catalog Number: PB9647-Cy3

About ITGA2B

Integrin alpha-IIb is a protein that in humans is encoded by the ITGA2B gene. It is mapped to 17q21.32. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. Alpha chain 2b undergoes post-translational cleavage to yield disulfide-linked light and heavy chains that join with beta 3 to form a fibrinogen receptor expressed in platelets that plays a crucial role in coagulation. Mutations that interfere with this role result in thrombasthenia. In addition to adhesion, integrins are known to participate in cell-surface mediated signalling.

Overview

Product Name	Anti-CD41/Integrin alpha 2b/ITGA2B Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P08514

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ITGA2B, different from the related mouse sequence by four amino acids.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

3 Publications Citing This Product

1. PubMed ID: 10.1038/s41598-017-12073-4, Thrombopoietic stimulating activity of rhTyrRS (Y341A)
2. PubMed ID: -, Leila Revollo, Glenn Merrill-Skoloff, Karen De Ceunynck, James Dilks, Mattia Bordoli, Christian Peters, Leila Noetzli, Andraia Ionescu, Vicki Rosen, Joseph E. Italiano, Malcolm Whitman, Robert Flaumenhaft; The Secreted Tyrosine Kinase Vlk Is Essential for Normal Platelet Development
3. PubMed ID: 28939876, Thrombopoietic stimulating activity of rhTyrRS (Y341A)

Visit bosterbio.com/anti-itga2b-picoband-trade-antibody-pb9647-boster.html to see all 3 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-CD41/Integrin alpha 2b/ITGA2B Antibody - Cy3

For Research Use Only. Not for use in diagnostic procedures.