

## Anti-CD41/Integrin alpha 2b/ITGA2B Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9647-Fluoro594

### 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® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
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	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm

Suggested Dilutions

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](http://bosterbio.com/anti-itga2b-picoband-trade-antibody-pb9647-boster.html) to see all 3 publications.

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