

Anti-CD41/Integrin alpha 2b/ITGA2B Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PB9647-Fluoro488

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

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| Product Name | Anti-CD41/Integrin alpha 2b/ITGA2B Antibody Picoband® Fluoro488 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

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| 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 | Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 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 Plat
3. PubMed ID: 28939876, Thrombopoietic stimulating activity of rhTyrRS (Y341A)

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