

Anti-Integrin alpha-7 ITGA7 Antibody Picoband® PE Conjugated

Catalog Number: PA2226-PE

About ITGA7

Integrin alpha-7 is a protein that in humans is encoded by the ITGA7 gene. This gene is mapped to 12q13.2. The protein encoded by this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. They mediate a wide spectrum of cell-cell and cell-matrix interactions, and thus play a role in cell migration, morphologic development, differentiation, and metastasis. This protein functions as a receptor for the basement membrane protein laminin-1. It is mainly expressed in skeletal and cardiac muscles and may be involved in differentiation and migration processes during myogenesis. Defects in this gene are associated with congenital myopathy.

Overview

| | |
|----------------------|--|
| Product Name | Anti-Integrin alpha-7 ITGA7 Antibody Picoband® PE 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 | Q13683 |

Technical Details

| | |
|------------------|---|
| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human ITGA7, identical to the related mouse sequence, and different from the related rat sequence by one amino acid. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | PE Excitation Wavelength: 566 nm Emission Wavelength: 574 nm |

Suggested Dilutions

Flow Cytometry, Optimal dilutions should be determined by end users.

1 Publications Citing This Product

1. PubMed ID: 25887589, Zhang H, Teng X, Liu Z, Zhang L, Liu Z. J Exp Clin Cancer Res. 2015 Feb 12;34:16. Doi: 10.1186/S13046-015-0132-Y. Gene Expression Profile Analyze The Molecular Mechanism Of Cxcr7 Regulating Papillary Thyroid Carcinoma Growth And Metastasis.

Visit bosterbio.com/anti-itga7-antibody-pa2226-boster.html to see all 1 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-Integrin alpha-7 ITGA7 Antibody - PE

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