

Anti-PDGF AA/PDGFA Antibody Picoband® PE Conjugated

Catalog Number: A02257-1-PE

About PDGFA

Platelet-derived growth factor subunit A is a protein that in humans is encoded by the PDGFA gene. This gene encodes a member of the protein family comprised of both platelet-derived growth factors (PDGF) and vascular endothelial growth factors (VEGF). The encoded preproprotein is proteolytically processed to generate platelet-derived growth factor subunit A, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit B. These proteins bind and activate PDGF receptor tyrosine kinases, which play a role in a wide range of developmental processes. Alternative splicing results in multiple transcript variants.

Overview

Product Name	Anti-PDGF AA/PDGFA Antibody Picoband® PE Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IF, ICC, 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 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	P04085

Technical Details

Immunogen	E.coli-derived human PDGF AA/PDGFA recombinant protein (Position: S87-T211).
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	Optimal dilutions should be determined by end users.

2 Publications Citing This Product

1. PubMed ID: 10.1016/j.jsps.2017.04.024, The effects of low-molecular-weight heparin on lung and pulmonary artery injuries in acute pulmonary embolism rat model via platelet-derived growth factor-beta

2. PubMed ID: 10.1016/j.transproceed.2015.05.014, Effects of Monocyte Chemoattractant Protein-1 and Nuclear Factor of Kappa B Pathway in Rejection of Cardiac Allograft in Rat

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