

Anti-PDGF AA/PDGFA Antibody Picoband® Biotin Conjugated

Catalog Number: A02257-1-Biotin

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® Biotin Conjugated
Reactive Species	Human, Mouse, Rat
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.
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	Biotin
Suggested Dilutions	The intended application should be selected according to the customer's experimental requirements.

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 Chemotactic Protein-1 and Nuclear Factor of Kappa B Pathway in Rejection of Cardiac Allograft in Rat

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