

PDGF-A Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250814

Unit: 0.1 mg

Description:

Platelet derived growth factor (PDGF-A) is a potent mitogen for cells of mesenchymal origin. Binding of this growth factor to its affinity receptor elicits a variety of cellular responses. It is released by platelets upon wounding and plays an important role in stimulating adjacent cells to grow and thereby heal the wound. Its protein structure consists of antiparallel disulfide-linked dimer of nonidentical (A,B) chains. Homodimers of A and B chains are implicated in the transformation processes. A-A and B-B, as well as A-B dimers can bind to the PDGF receptor. It belongs to the PDGF/VEGF growth factor family.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, H, M, P, R, Sh

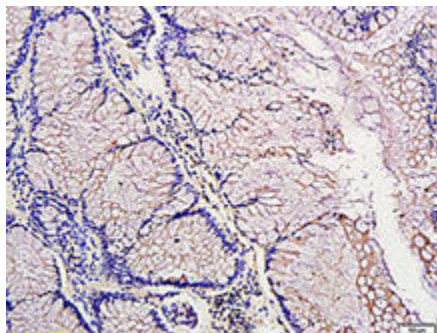
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Platelet-derived growth factor A chain; Platelet-derived growth factor alpha polypeptide; PDGF-1; PDGF subunit A; PDGFA; PDGF1; Platelet-derived growth factor subunit A

Accession No.: P04085

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human PDGF-A.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500



PDGF-A staining in colon adenocarcinoma. Formalin-fixed paraffin-embedded human colon adenocarcinoma is stained with PDGF-A Antibody (Cat. No. 250814) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.