

Product datasheet for **PP1061P1**

PDGF AA (PDGFA) (PDGF-AA) Rabbit Polyclonal Antibody

Product data:

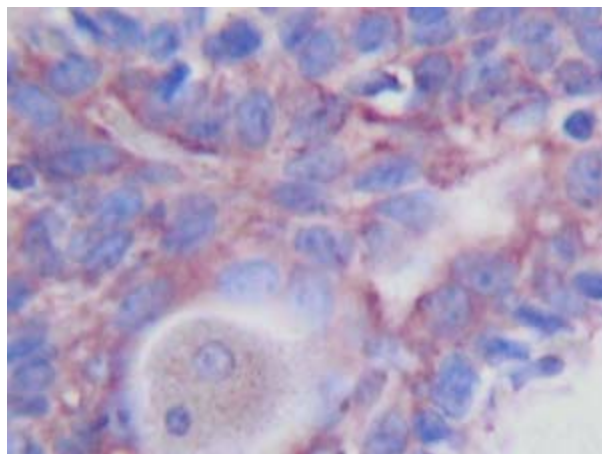
Product Type:	Primary Antibodies
Applications:	ELISA, FN, IHC, WB
Recommended Dilution:	<p>Neutralisation:</p> <p>To yield one-half maximal inhibition [ND50] of the biological activity of hPDGF-AA (5.0 ng/ml), a concentration of 0.05 - 0.07 µg/ml of this antibody is required.</p> <p>Immunohistochemistry:</p> <p>The antibody stained formalin-fixed, paraffin embedded sections of normal human skin at 1.0 µg/ml overnight at 4°C. (A HRP-labeled polymer detection system was used with a non-alcohol soluble AEC chromogen and a proteinase K antigen retrieval).</p> <p>ELISA:</p> <p><u>Indirect</u> - To detect hPDGF-AA by indirect ELISA (using 100 µl/well antibody solution), a concentration of 0.5 - 2.0 µg/ml of this antibody is required; allows the detection of at least 0.2 - 0.4 ng/well of recombinant hPDGF-AA.</p> <p><u>Sandwich</u> - To detect hPDGF-AA by sandwich ELISA (using 100 µl/well antibody solution), a concentration of 0.5 - 2.0 µg/ml of this antibody is required; in conjunction with a biotinylated anti-human PDGF-AA (PP1061B) as the detection antibody at least 0.2 - 0.4 ng/well of recombinant hPDGF-AA can be detected.</p> <p>Western blot:</p> <p>To detect hPDGF-AA by Western blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hPDGF-AA is 1.5 -3.0 ng/lane, under either reducing or non-reducing conditions.</p>
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) recombinant hPDGF-AA
Specificity:	The antibody recognizes the human Platelet Derived Growth Factor AA (hPDGF-AA). Not tested in other species.
Formulation:	<p>PBS, pH 7.2, without preservatives</p> <p>State: Aff - Purified</p> <p>State: Lyophilized purified Ig fraction</p>



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Reconstitution Method:	Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Immunoaffinity chromatography using immobilized human PDGF matrix
Conjugation:	Unconjugated
Storage:	The lyophilized antibody is stable at -20°C for one year from despatch. The reconstituted antibody can be stored for two weeks at 2-8°C. Frozen aliquots are stable for six months when stored at -20°C. Avoid repeated freezing and thawing.
Gene Name:	platelet derived growth factor subunit A
Database Link:	Entrez Gene 5154 Human P04085
Synonyms:	Platelet-derived growth factor subunit A, PDGF alpha, PDGF A, PDGF-A, Platelet-derived growth factor alpha, PDGF subunit A, Platelet-derived growth factor A chain, PDGF1, PDGF-1
Protein Families:	Druggable Genome
Protein Pathways:	Cytokine-cytokine receptor interaction, Focal adhesion, Gap junction, Glioma, MAPK signaling pathway, Melanoma, Pathways in cancer, Prostate cancer, Regulation of actin cytoskeleton

Product images:



Immunohistochemistry: This PDGFA antibody stained formalin-fixed, paraffin-embedded sections of normal human skin. The recommended concentration is 1.0 ug/ml overnight at 4°C. An HRP-labeled polymer detection system was used with a non-alcohol soluble AEC chromogen and a proteinase K antigen retrieval.

