

Product datasheet for **PP1063P1**

PF4 Rabbit Polyclonal Antibody

Product data:

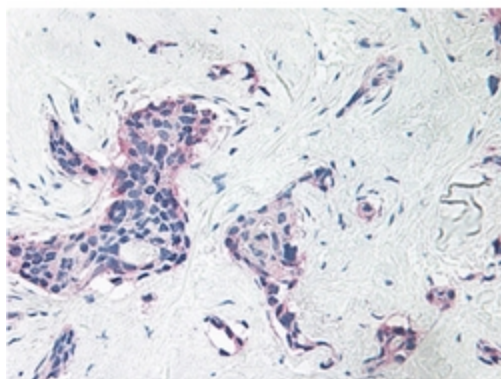
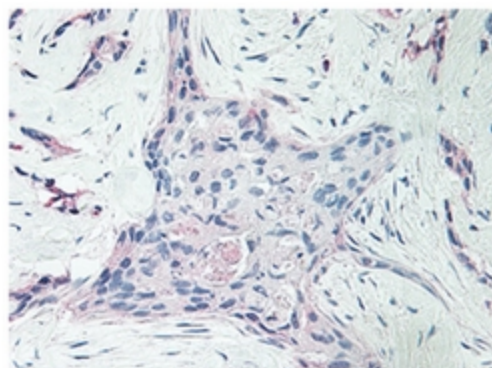
Product Type:	Primary Antibodies
Applications:	ELISA, FN, IHC, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hPF-4 (50 ng/ml), a concentration of 1.75-3.0 µg/ml of this antibody is required. Direct ELISA: To detect hPF-4 by direct ELISA (using 100µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant hPF-4. Sandwich ELISA: To detect hPF-4 by Sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Human PF-4 (<i>Cat.-No</i> PP1063B) as a Detection antibody, allows the detection of 0.2-0.4 ng/well of recombinant hPF-4. Western Blot: To detect hPF-4 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 hPF-4 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. Immunohistochemistry: The recommended concentration is 1.0-2.0 µg/ml with an overnight incubation at 4°C. An alkaline phosphatase-labeled polymer detection system was used with a red chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) E.coli derived recombinant human Platelet Factor-4 (hPF-4)
Specificity:	This antibody reacts with Human Platelet Factor 4 (PF-4).
Formulation:	PBS, pH 7.2 without preservatives State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity Chromatography employing immobilized Human PF-4 matrix



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Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	platelet factor 4
Database Link:	Entrez Gene 5196 Human P02776
Synonyms:	PF-4, Iroplact, Oncostatin-A, CXCL4, SCYB4
Note:	Centrifuge vial prior to opening.

Product images:



Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant ductal adenocarcinoma. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

