

## Product datasheet for **PP1006P1**

### FGF1 Rabbit Polyclonal Antibody

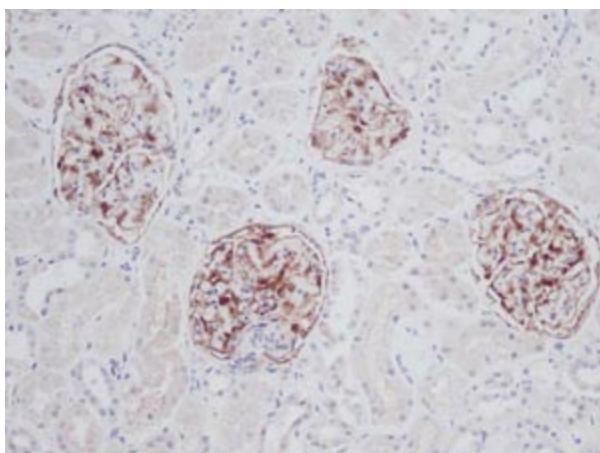
#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, IHC, WB
Recommended Dilution:	<b>Immunohistochemistry:</b> This antibody stained formalin-fixed, paraffin-embedded sections of human normal kidney. The recommended concentration is 0.050 µg/mL-0.125 µg/mL with an overnight incubation at 4 °C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended <b>Neutralization:</b> To yield one-half maximal inhibition [ND50] of the biological activity of hFGF-acidic (30 ng/ml), a concentration of 0.46 - 0.9 µg/ml of this antibody is required. <b>ELISA:</b> To detect hFGF-acidic by direct ELISA (using 100 µl/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 hFGF-acidic. <b>Western Blot:</b> To detect hFGF-acidic 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 hFGF-acidic is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Highly pure (>98%) E.coli derived 16.8 kDa recombinant hFGF-acidic.
Specificity:	Human Fibroblast Growth Factor acidic (hFGF-1)
Formulation:	PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 0.1-1.0 mg/ml.
Purification:	Affinity chromatography.
Conjugation:	Unconjugated



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<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	fibroblast growth factor 1
<b>Database Link:</b>	<a href="#">Entrez Gene 2246 Human P05230</a>
<b>Background:</b>	The heparin-binding growth factors are angiogenic agents in vivo and are potent mitogens for a variety of cell types in vitro. There are differences in the tissue distribution and concentration of these two growth factors.
<b>Synonyms:</b>	FGFA, Acidic fibroblast growth factor, ECGF-beta, HBGF-1, HBGF1
<b>Note:</b>	Centrifuge vial prior to opening!

**Product images:**

Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human normal kidney.

