

Product datasheet for **PP1119P2**

FGF10 Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	<p>Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hFGF-10 (1.5 ng/ml), a concentration of 0.02-0.035 µg/ml of this antibody is required.</p> <p>Indirect ELISA: To detect hFGF-10 by indirect ELISA (using 100 µl/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 compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hFGF-10.</p> <p>Sandwich ELISA: To detect hFGF-10 by sandwich ELISA (using 100 µl/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 FGF-10 (PP1119B1 or PP1119B2) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hFGF-10.</p> <p>Western Blot: To detect hFGF-10 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-10 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>Immunohistochemistry on frozen or paraffin sections: This antibody should be used at 0.5-2.0 µg/ml depending on detection system.</p>
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Immunogen:	E.coli derived 19.3 kDa Recombinant human FGF-10 (hFGF-10)
Specificity:	Fibroblast Growth Factor 10 (FGF-10)
Formulation:	<p>PBS, pH 7.2 without preservatives.</p> <p>State: Aff - Purified</p> <p>State: Lyophilized purified Ig fraction.</p>
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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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:	fibroblast growth factor 10
Database Link:	Entrez Gene 2255 Human O15520
Background:	FGF10 is a heparin binding growth factor that stimulates the proliferation and activation of cells that express FGF receptors. FGF10 is mostly related to FGF-7/KGF and is expressed during development and preferentially in adult lungs.
Synonyms:	Fibroblast growth factor 10, FGF-10, Keratinocyte growth factor 2, KGF2
Note:	Centrifuge vial prior to opening!