

PP1103B2**Polyclonal Antibody to FGF16 - Biotin****Alternate names:**

FGF-16, Fibroblast growth factor 16

Quantity:

50 µg

Background:

FGF16 belongs to the heparin-binding growth factors family. It induces hepatocellular proliferation, but has no biological effect on the heart. The FGF's play key roles in controlling tissue growth, morphogenesis, and repair in animals. Fibroblast Growth Factor 16 is a newly discovered heparin binding growth factor, which stimulates the proliferation and activation of cells that express the FGF receptors.

Uniprot ID:[O43320](#)**NCBI:**[NP_003859.1](#)**GenelD:**[8823](#)**Host:**

Goat

Immunogen:

Highly pure (>98%) recombinant hFGF-16.

Format:**State:** Lyophilized purified Ig fraction.**Purification:** Affinity chromatography.**Buffer System:** PBS, pH 7.2 without preservatives.**Label:** Biotin – conjugated**Applications:**

ELISA: To detect hFGF-16 by direct ELISA (using 100 µl/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/ml. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hFGF-16.

Western Blot: To detect hFGF-16 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-16 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Fibroblast Growth Factor 16 (FGF-16)

Species: Human.

Other species not tested.

Add. Information:

Centrifuge vial prior to opening!

Storage:

Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: One year from despatch.