

## Product datasheet for **PP002B2**

### **Fgf9 Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	<u>ELISA:</u> (Direct): To detect mFGF-9 by direct ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2- 0.4 ng/well of recombinant mFGF-9. (Sandwich): To detect mFGF-9 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.25-1.0 µg/ml of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Murine FGF-9 (PP002P) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant mFGF-9. <u>Western Blot:</u> To detect mFGF-9 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 mFGF-9 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
<b>Reactivity:</b>	Mouse
<b>Host:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Highly pure (>98%) recombinant mFGF-9.
<b>Specificity:</b>	Recognises Fibroblast Growth Factor 9 (FGF-9).
<b>Formulation:</b>	PBS, pH 7.2 without preservatives. Label: Biotin State: Lyophilized purified Ig fraction. Label: conjugated
<b>Reconstitution Method:</b>	Restore in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml.
<b>Purification:</b>	Affinity chromatography.
<b>Conjugation:</b>	Biotin



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<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: One year from despatch.
<b>Gene Name:</b>	fibroblast growth factor 9
<b>Database Link:</b>	<a href="#">Entrez Gene 14180 Mouse P54130</a>
<b>Background:</b>	FGF9 is a heparin binding growth factor, which is a member of the FGF family of proteins. FGF family members possess broad mitogenic and cell survival activities, and are involved in a variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. FGF9 is produced mainly by neurons and may have a role in glial cell growth and differentiation during development; gliosis during repair and regeneration of brain tissue after damage, differentiation and survival of neuronal cells, and growth stimulation of glial tumors.
<b>Synonyms:</b>	Glia-activating factor, GAF, Fibroblast growth factor 9, HBGF9
<b>Note:</b>	Centrifuge vial prior to opening!