



Rabbit polyclonal antibody to human FGF-8 (192-214): Affinity purified

Catalogue No.:	R-1117-100
Description:	THIS PRODUCT HAS BEEN SUPERCEDED. PLEASE REFER TO THE "REPLACED BY" FIELD BELOW TO LOCATE THE CURRENT BIOSENSIS PRODUCT TO MEET YOUR RESEARCH NEEDS. Fibroblast growth factors (FGFs) bind heparin and exhibit widespread mitogenic and neurotrophic activities in a variety of different cells including mesenchymal, neuroectodermal and endothelial cells. Expression of FGF-8 (androgen induced) in adults is restricted to testes and ovaries. At least 4 isoforms are produced by alternative splicing.
Batch No.:	See product label
Unit size:	100 µg
Antigen:	A synthetic peptide (FMKRLPRGHHTTEQSLRFEFLNY) corresponding to a region (192-214) from human FGF-8. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	FGF-8; Heparin-binding growth factor 8; HBGF-8; Androgen-induced growth factor; AIGF; FGF8; AIGF;
Accession:	P55075 FGF8_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0 µg/ml is recommended for WB. Human FGF-8 (isoform FGF-8E) has a predicted length of 233 residues and MW of 27 kDa. A concentration of 1.0-2.0 µg/ml is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in 100 µl of sterile distilled water to achieve an antibody concentration of 1 mg/ml. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2 - 4°C (lyophilized formulations). After reconstitution, aliquot and store at -20°C for a higher stability. Avoid freeze-thaw cycles
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY