



Rabbit polyclonal antibody to human FGF receptor 2 (806-821): Affinity purified

Catalogue No.:	R-1147-100
Description:	THIS PRODUCT HAS BEEN SUPERCEDED.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. FGF receptor 2 (FGFR2) is a member of the fibroblast growth factor receptor family and is a high-affinity receptor for acidic, basic and/or keratinocyte growth factor, depending on the isoform. At least 20 isoforms are produced by alternative splicing. FGFR2 is highly expressed in developing human tissues.
Replaced by:	R-1776-100
Batch No.:	See product label
Unit size:	100 µg
Antigen:	A synthetic peptide (EPCLPQYPHINGSVKT) corresponding to a region (806-821) from the C-terminus of human FGF receptor 2. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
Other Names:	FGFR-2; EC 2.7.10.1; Keratinocyte growth factor receptor 2; CD332; FGFR2; BEK; KGFR; KSAM;
Accession:	P21802 FGFR2_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 receptor 2 (isoform 1) has a predicted length of 821 amino acids and MW of 92 kDa. A concentration of 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 NaN 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