



# **Fibroblast Growth Factor Receptor 1 (FGFR1, Basic fibroblast growth factor receptor 1, BFGFR, bFGF-R, CD331, CEK, c-fgr, FGFR, FGFR-1, FLG, FLJ99988, FLT2, Fms-like tyrosine kinase 2, H2, H3, H4, H5, HBGFR, KAL2, N-SAM, OGD)**

## **Catalog number**

F4305-02K

## **Supplier**

United States Biological

Fibroblast growth factors (FGFs) are members of a large family of structurally related polypeptides (17-38kD) that are potent physiological regulators of growth and differentiation of a wide variety of cells of mesodermal, ectodermal and endodermal origin.

## **Applications**

Suitable for use in Western Blot, Immunoprecipitation and Immunohistochemistry. Other applications not tested.

## **Recommended Dilution**

Immunohistochemistry: 1:100 using immunoperoxidase staining of formalin-fixed, paraffin-embedded human and animal sections. Antigen retrieval: trypsin digestion.

Western Blot: 1:400 lysate derived from 293T cells transiently transfected with the pcDNA3/FGFR-1 plasmid.

Note: The epitopes recognized by the antibody are resistant to routine formalin-fixation and paraffin embedding, and to other fixatives e.g. Methacarn, Bouins solution, ethanol, and B5.

Optimal dilutions to be determined by the researcher.

## **Storage and Stability**

May be stored at 4°C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot. Store at -20°C. Aliquots are stable for at least 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

## **Immunogen**

Synthetic peptide corresponding to aa360-373, EALEERPAVMTSPLK of human FGFR1 with a C-terminally added lysine (KLH). Cellular Localization: Cell Membrane.

## **Formulation**

Supplied as a liquid in PBS, pH 7.4, containing 1% BSA and 0.09% sodium azide

## **Purity**

Purified by immunoaffinity chromatography.

## **Specificity**



Recognizes human FGFR1. Does not react with human FGFR2 or FGFR3. Species Sequence Homology (100%): Mouse and rat

**Product Type**

Pab

**Source**

human

**Isotype**

IgG

**Grade**

Affinity Purified

**Applications**

IHC IP WB

**Crossreactivity**

Hu

**Storage**

-20°C

**Reference**

1. Hanneken A et al. Identification of soluble forms of the fibroblast growth factor receptor in blood. Proc Natl Acad Sci U S A 91:9170-4 (1994).