

**Research Use Only. Not for diagnostic or therapeutic use.**

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

## EB06649 - Goat Anti-FGFR1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** soluble FGFR1 variant 2, soluble FGFR1, OTTHUMP00000190881, OGD, HBGFR, FLJ99988, FGFBR, CD331, fibroblast growth factor receptor 1, basic fibroblast growth factor receptor 1, heparin-binding growth factor receptor, fms-related tyrosine kinase-2, hydroxyaryl-protein kinase, FMS-like tyrosine kinase 2, protein-tyrosine kinase, tyrosylprotein kinase, N-sam tyrosine kinase, FLG protein, fibroblast growth factor receptor 1 (fms-related tyrosine kinase 2, Pfeiffer syndrome), N-SAM, C-FGR, BFGFR, KAL2, FLT2, FLG, CEK, H5, H4, H3, H2, FGFR1

**Official Symbol:** FGFR1

**Accession Number(s):** NP\_075598.2; NP\_056934.2; NP\_075593.1; NP\_075594.1; NP\_075599.1

**Human GenelD(s):** [2260](#)

**Important Comments:** This antibody is expected to recognise five isoforms (as represented by NP\_075598.2; NP\_056934.2; NP\_075593.1; NP\_075594.1; NP\_075599.1).

### Immunogen

Peptide with sequence CLPRHPAQLANGGLKR, from the C Terminus of the protein sequence according to NP\_075598.2; NP\_056934.2; NP\_075593.1; NP\_075594.1; NP\_075599.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

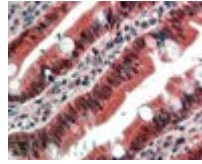
**Western blot:** Approx 75kDa band observed in human breast lysates (calculated MW of 82.2kDa according to NP\_075593, 81.9kDa according to NP\_075594). Recommended concentration: 0.3-1µg/ml.

**IHC:** In paraffin embedded Human Small Intestine shows staining of the enterocytic cytoplasm. Recommended concentration, 4-6µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow



EB06649 (4 $\mu$ g/ml) staining of paraffin embedded Human Small Intestine. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06649 (0.3 $\mu$ g/ml) staining of human breast lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.