

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

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

## EB06649 - Goat Anti-FGFR1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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. Paraffin embedded Human Kidney. Recommended concentration: 4µg/ml.

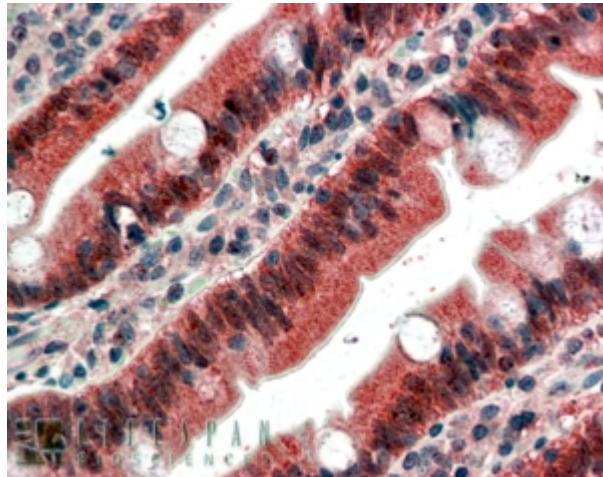
### Species Reactivity

**Tested:** Human

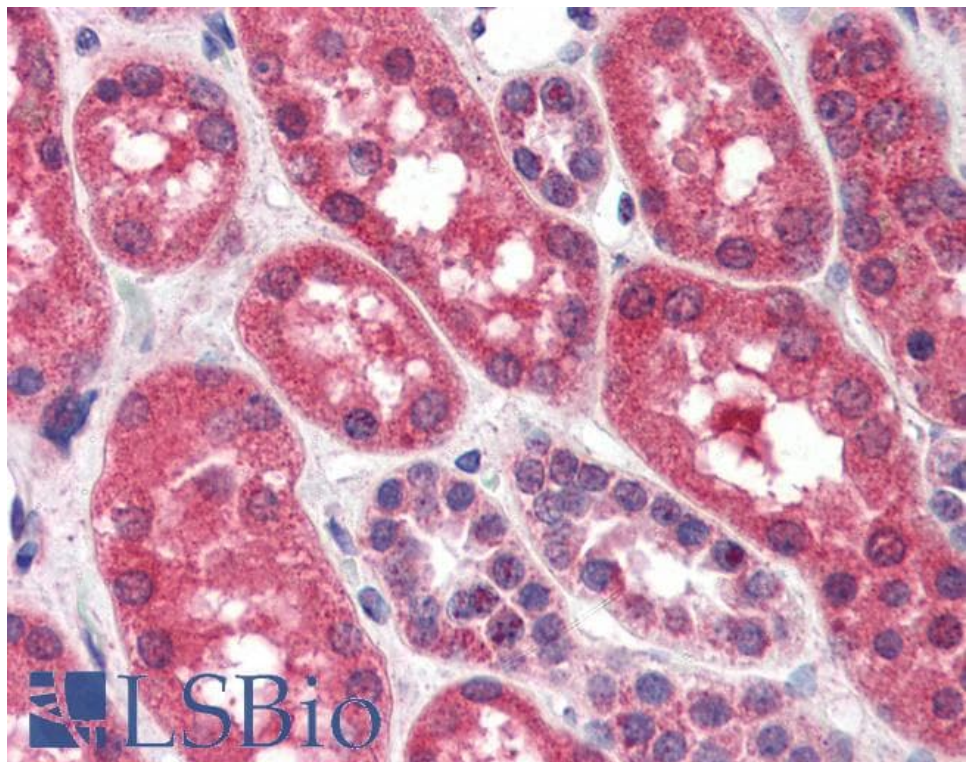
**Expected from sequence similarity:** Human, Dog, Cow



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.



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



EB06649 (4µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.