

## UK Office

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

## EB08456 - Goat Anti-FGFR2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** FGFR2, fibroblast growth factor receptor 2 (bacteria-expressed kinase, keratinocyte growth factor receptor, craniofacial dysostosis 1, Crouzon syndrome, Pfeiffer syndrome, Jackson-Weiss syndrome), BEK, BFR-1, CD332, CEK3, CFD1, ECT1, JWS, K-SAM

**Official Symbol:** FGFR2

**Accession Number(s):** NP\_000132.3; NP\_075259.4; NP\_001138385.1; NP\_001138386.1; NP\_001138387.1; NP\_001138388.1; NP\_001138390.1; NP\_001138391.1

**Human GeneID(s):** [2263](#)

**Non-Human GeneID(s):** 14183 (mouse), 25022 (rat)

**Important Comments:** This antibody is expected to recognise all reported isoforms except isoform 7 (NP\_001138389.1). The immunizing peptide represents part of the extracellular domain.

### Immunogen

Peptide with sequence C-GREKEITASPDY, from the internal region of the protein sequence according to NP\_000132.3; NP\_075259.4; NP\_001138385.1; NP\_001138386.1; NP\_001138387.1; NP\_001138388.1; NP\_001138390.1; NP\_001138391.1.

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 1:64000.

**Western blot:** Approx 100kDa band observed in Human lysates of cell line A549 (calculated MW of 92.0kDa according to NP\_000132.1 and of 92.1kDa according to NP\_075259.2). Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



EB08456 (0.3 $\mu$ g/ml) staining of A549 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.