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Research Use Only. Not for diagnostic or therapeutic use.

EB11208 - Goat Anti-FGFR1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: basic fibroblast growth factor receptor 1, BFGFR, bFGF-R-1, CD331, CEK, FGFBR, FGFR-1, fibroblast growth factor receptor 1, FLG, FLJ99988, FLT2, FLT-2, FMS-like tyrosine kinase 2, fms-related tyrosine kinase 2, HBGFR, heparin-binding growth factor receptor, hydroxyaryl-protein kinase, KAL2, N-SAM, OGD,

OTTHUMP00000190875, OTTHUMP00000190876, OTTHUMP00000190880, proto-oncogene c-Fgr, soluble FGFR1 variant 1, soluble FGFR1 variant 2, FGFR1 **Official Symbol:** FGFR1

Accession Number(s): NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_001167534.1; NP_001167535.1; NP_001167538.1

Human GeneID(s): 2260

Non-Human GeneID(s): 14182 (mouse), 79114 (rat)

Important Comments: This antibody is expected to recognize reported isoforms 1, 2, 10, 11 and 14. Reported variants represent identical protein: NP_075593.1, NP_001167537.1 Reported variants represent identical protein: NP_001167536.1, NP_056934.2. The immunizing peptide represents part of the extracellular domain.

Immunogen

Peptide with sequence RCRLRDDVQSIN, from the internal region of the protein sequence according to NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_001167534.1; NP_001167535.1; NP_001167538.1.

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.

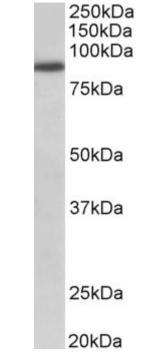
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

Western blot: Approx 85kDa band observed in lysates of cell line A549 (calculated MW of 91.9kDa according to NP_075598.2). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Dog, Cow



EB11208 (1µg/ml) staining of A549 lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.