

Goat anti-FGFR1 Antibody

Item Number	dAP-2504
Target Molecule	Principle Name: FGFR1; Official Symbol: FGFR1; All Names and Symbols: FGFR1; fibroblast growth factor receptor 1; BFGFR; CD331; CEK; FGFBR; FLG; FLJ99988; FLT2; HBGFR; KAL2; N-SAM; OGD; FGFR-1; FLT-2; FMS-like tyrosine kinase 2; OTTHUMP00000190875; OTTHUMP00000190876; OTTHUMP00000190880; bFGF-R-1; basic fibroblast growth fa; Accession Number (s): NP_075598.2; NP_056934.2; NP_075593.1; NP_075594.1; NP_001167534.1; NP_001167535.1; NP_001167538.1; Hu-
Immunogen	RCRLRDDVQSIN, is from internal region 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:
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	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.
IHC	
Reference	Reference(s): Weiss J, et al Frequent and focal FGFR1 amplification associates with therapeutically tractable FGFR1 dependency in squamous cell lung cancer. Sci Transl Med. 2010 Dec 15;2(62):62ra93. Erratum in: Sci Transl Med. 2011 Jan 19;3(66):66er2..PMID: 21160078->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**