

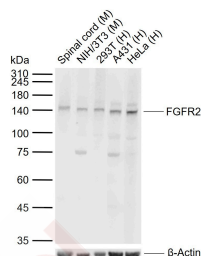
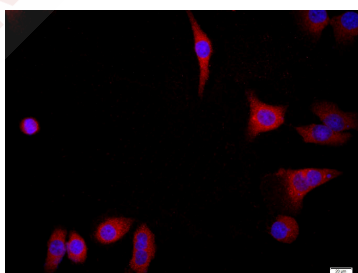
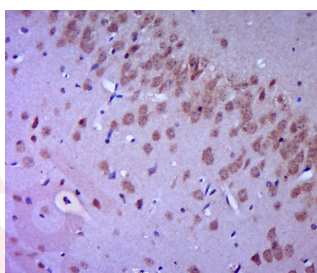
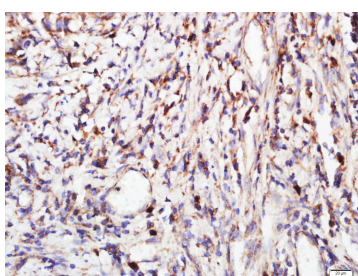
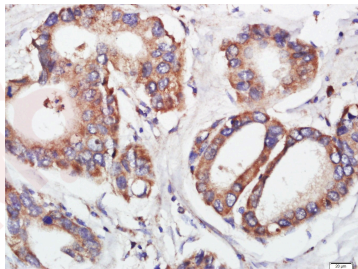
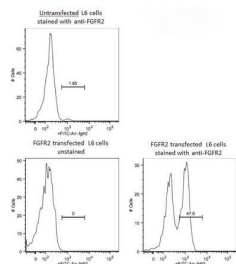
Anti-FGFR2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 89 kDa. Actual: 142 kDa.
Purification:	Protein A purified

Applications

1. Image was kindly submitted by Dr. Uthaman from Yale University. L6 cells were transfected with FGFR2, and stained with RABBIT ANTI-FGFR2 POLYCLONAL ANTIBODY, conjugated (TMAB-00675-FITC) at 1:100 dilution
2. Paraformaldehyde-fixed, paraffin embedded (human stomach cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FGFR2) Polyclonal Antibody, Unconjugated (TMAB-00675) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded (human stomach cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FGFR2) Polyclonal Antibody, Unconjugated (TMAB-00675) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (FGFR2) Polyclonal Antibody, Unconjugated (TMAB-00675) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.
5. Tissue/cell: MCF7; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (FGFR2) Polyclonal Antibody, Unconjugated (TMAB-00675) 1:200, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nucleus.
6. Sample:
 - Lane 1: Mouse Spinal cord tissue lysates
 - Lane 2: Mouse NIH/3T3 cell lysates
 - Lane 3: Human 293T cell lysates
 - Lane 4: Human A431 cell lysates
 - Lane 5: Human HeLa cell lysatesPrimary: Anti-FGFR2 (TMAB-00675) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 89 kDa
Observed band size: 142 kDa



Application: FCM, ICC/IF, IHC-Fr, IHC-P, WB

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human FGFR2

Antigen Species: Human

Gene ID: 2263

Uniprot ID: P21802

Synonyms: TK14;CFD1;TK25;KGFR;BEK;BFR-1;FGFR2 α (IIIb);ECT1;BBDS;fibroblast growth factor receptor 2; CD332;CEK3;JWS;K-SAM

Biology Area: FGF,Receptor tyrosine kinases,FGF Receptors,Ectoderm,Neurogenesis,FGF,Receptor Tyrosine Kinases,Ectoderm

Research Background

bs-0675P is one synthetic peptide derived from human FGFR2. Fibroblast growth factors (FGFs) are members of a large family of structurally related polypeptides that are potent physiological regulators of growth and differentiation for a wide variety of cells of mesodermal, ectodermal and endodermal origin. Four genes encoding for high affinity cell surface FGF receptors (FGFRs) have been identified: FGFR1, FGFR2, FGFR3 and FGFR4. FGFRs are members of the tyrosine kinase family of growth factor receptors. FGFR2 is highly expressed in developing human tissues including the brain, choroids plexus, lung etc. Alternative names: Bacteria expressed kinase; BEK; BFR 1; BFR1; CD 332; CD332; CD332 antigen; CEK 3; CEK3; CFD 1; CFD1; Craniofacial dysostosis 1; Crouzon syndrome; ECT 1; ECT1; FGFR 2; Fibroblast growth factor receptor 2; Hydroxyaryl protein kinase; Jackson Weiss syndrome; JWS; K SAM; K sam protein; Keratinocyte growth factor receptor 2; Keratinocyte growth factor receptor; KGFR; KSAM; Pfeiffer syndrome; Protein tyrosine kinase receptor like 14; TK14; TK25; Tyrosylprotein kinase.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481
