Data Sheet (Cat.No.TMAC-01470)

TargetMol

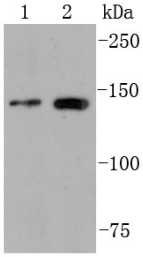
Anti-FGFR2 Antibody (2Q305)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 145 kDa.
Clone:	2Q305
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of FGFR2 on different cell lysates using anti-PGFR2 antibody at 1/1,000 dilution. Positive control: Lane 1:MCF-7, Lane 2: Jurkat.



Application:	IP,WB
Recommended	WB: 1:1000-2000; IP: 1:10-50

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:	Recombinant Protein
Uniprot ID:	P21802
Synonyms:	TK14;CFD1;FGF R2a;FGFR2 α (IIIb);JWS;K-SAM;KGFR;BFR-1;BEK;FLJ98662;CEK3;FGFR2 alpha; BBDS;TK25;ECT1;FGFR2 α;CD332

Research Background

Acidic and basic fibroblast growth factors (FGFs) are members of a family of multifunctional polypeptide growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. Like other growth factors, FGFs act by binding and activating specific cell surface receptors. These include the Flg receptor or FGFR-1, the Bek receptor (or FGFR-2), FGFR-3, FGFR-4, FGFR-5 and FGFR-6. These receptors usually contain an extracellular ligand-binding region containing three immunoglobulin-like domains, a transmembrane domain and a cytoplasmic tyrosine kinase domain. The gene encoding human Bek (also designated K-sam) maps to chromosome 10q26.13 and is alternatively spliced to produce several isoforms. Heterogeneous mutations in Bek are associated with a range of craniosynostosis syndromes including Pfeiffer syndrome, Crouzon syndrome, Jackson-

syndrome and Apert syndrome..

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