OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA384227

FGFR4 Mouse Monoclonal Antibody [Clone ID: 7H1]

Product data:

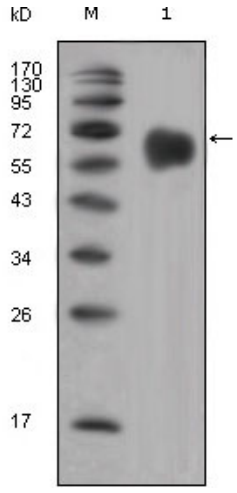
Product Type:	Primary Antibodies
Clone Name:	7H1
Applications:	IF
Recommended Dilution:	ICC: 1/200-1/1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant extracellular fragment of human FGFR4 fused with hIgGFc tag expressed in HEK293 cell line.
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.03% Proclin 300, pH 7.3.
Concentration:	lot specific
Purification:	Ascitic Fluid
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	87.9kDa
Gene Name:	fibroblast growth factor receptor 4
Database Link:	Entrez Gene 2264 Human P22455

View online »

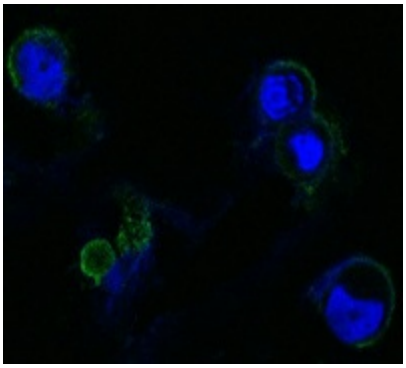
Background: Swiss-Prot Acc.P22455.FGFR4: fibroblast growth factor receptor 4. Entrez Protein NP_002002. It is a member of the fibroblast growth factor receptor family, where amino acid sequence is highly conserved between members and throughout evolution. FGFR family members differ from one another in their ligand affinities and tissue distribution. A full-length representative protein would consist of an extracellular region, composed of three immunoglobulin-like domains, a single hydrophobic membrane-spanning segment and a cytoplasmic tyrosine kinase domain. The extracellular portion of the protein interacts with fibroblast growth factors, setting in motion a cascade of downstream signals, ultimately influencing mitogenesis and differentiation. The genomic organization of this gene, compared to members 1-3, encompasses 18 exons rather than 19 or 20. Although alternative splicing has been observed, there is no evidence that the C-terminal half of the IgIII domain of this protein varies between three alternate forms,as indicated for members 1-3. This particular family member preferentially binds acidic fibroblastgrowth factor and, although its specific function is unknown, it is overexpressed in gynecologicaltumor samples, suggesting a role in breast and ovarian tumorigenesis.

Synonyms: CD334; FGFR-4; JTK2; MGC20292; OTTHUMP00000161430; TKF

Product images:



Western blot analysis of FGFR4 in Human FGFR4 (aa22369) lysates using FGFR4 antibody.



Immunofluorescence analysis of FGFR4 in HEK293 cells trasfected with FGFR4hIgGFc using FGFR4 antibody(green) Blue: DRAQ5 fluorescent DNA dye.