

Mouse Monoclonal Antibody to FGFR4

Catalogue Number	sAP-0269
Target Molecule	Name: FGFR4 Aliases: TKF; JTK2; CD334 MW: 87.9kDa Entrez Gene ID: 2264
Description	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.
Immunogen	Purified recombinant extracellular fragment of human FGFR4 fused with hlgGFc tag expressed in HEK293 cell line.
Recitative Species	Human
Clone	MM7H1;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Br J Cancer. 2006 Jun 19;94(12):1879-86. ; 2. Diabetes. 2007 Oct;56(10):2501-10.

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**