

## Mouse Monoclonal Antibody to FGFR3

<b>Catalogue Number</b>	sAP-1118
<b>Target Molecule</b>	<p><b>Name: FGFR3</b></p> <p><b>Aliases:</b> ACH; CEK2; JTK4; CD333; HSFGR3EX</p> <p><b>MW: 87.7kDa</b></p> <p><b>Entrez Gene ID: 2261</b></p>
<b>Description</b>	<p>This gene encodes a member of the fibroblast growth factor receptor (FGFR) family, with its amino acid sequence being highly conserved between members and among divergent species. 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. This particular family member binds acidic and basic fibroblast growth hormone and plays a role in bone development and maintenance. Mutations in this gene</p>
<b>Immunogen</b>	Purified recombinant fragment of human FGFR3 (AA: 529-694) expressed in E. Coli.
<b>Reactive Species</b>	Human;
<b>Clone</b>	MM2H10B4;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: ; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	Mol Cancer. 2013 Jul 31;12:83. ; Histochem Cell Biol. 2012 Nov;138(5):759-72.;

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**