

## Mouse Monoclonal Antibody to FGF4

<b>Catalogue Number</b>	sAP-1015
<b>Target Molecule</b>	<b>Name:</b> FGF4 <b>Aliases:</b> HST; KFGF; HST-1; HSTF1; K-FGF; HBGF-4 <b>MW:</b> 22kDa <b>Entrez Gene ID:</b> 2249
<b>Description</b>	The protein encoded by this gene is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This gene was identified by its oncogenic transforming activity. This gene and FGF3, another oncogenic growth factor, are located closely on chromosome 11. Co-amplification of both genes was found in various kinds of human tumors. Studies on the mouse homolog suggested a function in bone morphogenesis and limb development through the sonic hedgehog (SHH) signaling pathway.
<b>Immunogen</b>	Purified recombinant fragment of human FGF4 (AA: 62-123) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM2D7D5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.PLoS One. 2009;4(3):e4794. ; 2.Stem Cells. 2008 Mar;26(3):767-74.

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**