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FGF3 Monoclonal Antibody (MSD1)

Catalog Number **MA1-46094**

Product data sheet

Details	
Size	100 µg
Host/Isotope	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	MSD1
Immunogen	Synthetic peptide: RRTQKSSLFLPRVL.FGF3 conjugated to BSA.
Conjugate	Unconjugated
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles

Species Reactivity	
Species reactivity	Human, Mouse, Xenopus

Tested Applications	Dilution *
Immunohistochemistry (Frozen) (IHC (F))	1:10-1:500
Immunohistochemistry (Paraffin) (IHC (P))	1:10-1:500
Immunoprecipitation (IP)	Assay-Dependent
Western Blot (WB)	1:100-1:2,000

* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.

Background/Target Information

Fibroblast growth factors (FGFs) can stimulate the proliferation of mesenchymal, epithelial and neuroectodermal cells. FGF3 belongs to the heparin binding growth factors family. Members of the family include Acidic FGF (also known as aFGF or FGF 1), basic FGF (bFGF or FGF 2), FGF 3 (also known as Int2) and FGF 4 (also known as hst or Kaposi FGF). FGF 4 was first revealed to be an oncoprotein in Kaposi's sarcoma cells. Other family members include FGF 5, FGF 6, FGF 7 (keratinocyte growth factor, KGF), FGF 8 (AIGF), FGF 9 (GAF) and FGF 10. FGF3 is activated by proviral insertion of mouse mammary tumor virus (MMTV). FGF3 is responsible for most of breast malignancies.

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