

FGF3 monoclonal antibody, clone MSD1

Catalog # MAB7094

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against synthetic peptide of FGF3.
Immunogen	A synthetic peptide (conjugated with BSA) corresponding to human FGF3.
Sequence	RRTQKSSLFLPRVL
Host	Mouse
Reactivity	Human, Mouse, Xenopus
Specificity	Detects a band at 27 KDa.
Form	Liquid
Isotype	IgG2a
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence

Gene Info — FGF3

Entrez GeneID	2248
Gene Name	FGF3
Gene Alias	HBGF-3, INT2
Gene Description	fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog)
Omim ID	164950 610706
Gene Ontology	Hyperlink
Gene Summary	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 similarity with mouse fgf3/int-2, a proto-oncogene activated in virally induced mammary tumors in the mouse. Frequent amplification of this gene has been found in human tumors, which may be important for neoplastic transformation and tumor progression. Studies of the similar genes in mouse and chicken suggested the role in inner ear formation. [provided by RefSeq]
Other Designations	INT-2 proto-oncogene protein V-INT2 murine mammary tumor virus integration site oncogene homolog fibroblast growth factor 3 murine mammary tumor virus integration site 2, mouse oncogene INT2

Publication Reference

- [DEC1 \(STRA13\) protein expression relates to hypoxia- inducible factor 1-alpha and carbonic anhydrase-9 overexpression in non-small cell lung cancer.](#)

Giatromanolaki A, Koukourakis MI, Sivridis E, Turley H, Wykoff CC, Gatter KC, Harris AL.

The Journal of Pathology 2003 Jun; 200(2):222.

Pathway

- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)

- [Regulation of actin cytoskeleton](#)