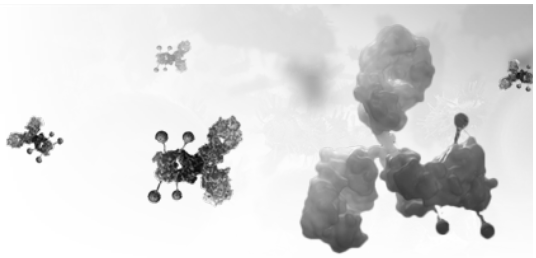

Mouse anti-Human FGF3 monoclonal antibody, clone NTE2 (CABT-B10261)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Detects a band at 27 KDa.
Immunogen	A synthetic peptide (conjugated with BSA) corresponding to human FGF3.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	NTE2
Conjugate	Unconjugated
Applications	WB, IHC, ICC, IF
Sequence Similarities	RRTQKSSLFLPRVL
Format	Liquid
Buffer	In PBS
Storage	Store at -20°C. For long term storage store at -80°C.Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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,

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	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, Jul 2008]
Keywords	FGF3; fibroblast growth factor 3; INT2; HBGF-3; FGF-3; oncogene INT2; proto-oncogene Int-2; INT-2 proto-oncogene protein; heparin-binding growth factor 3; murine mammary tumor virus integration site 2, mouse; V-INT2 murine mammary tumor virus integration site oncogene homolog; fibroblast growth factor 3 (murine mammary tumor virus integration site (v-int-2) oncogene homolog);

GENE INFORMATION

Entrez Gene ID	2248
UniProt ID	P11487
Pathway	Downstream signaling of activated FGFR, organism-specific biosystem; FGFR ligand binding and activation, organism-specific biosystem; FGFR1 ligand binding and activation, organism-specific biosystem; FGFR1b ligand binding and activation, organism-specific biosystem; FGFR2 ligand binding and activation, organism-specific biosystem; FGFR2b ligand binding and activation, organism-specific biosystem; FRS2-mediated cascade, organism-specific biosystem;
Function	growth factor activity; protein binding;

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