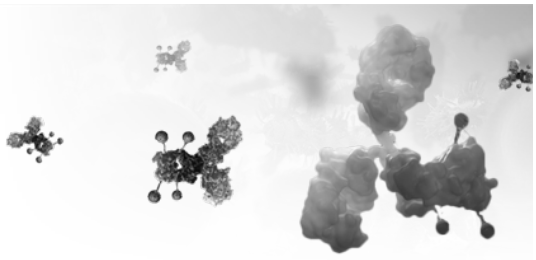

Mouse anti-Human FGF10 monoclonal antibody, clone 4D8 (CABT-B10260)

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

PRODUCT INFORMATION

Immunogen	FGF10 (NP_004456, 38 a.a. ~ 138 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4D8
Conjugate	Unconjugated
Applications	WB,ELISA
Sequence Similarities	QALGQDMVSPEATNSSSSSFSSPSSAGRHVRSYNHLQGDVRWRKLFSFTKYFLKIEKNGK VSGTKKENCPYSILEITSVEIGVVAVKAINSNYYLAMNKK*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. 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

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	variety of biological processes, including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. This protein exhibits mitogenic activity for keratinizing epidermal cells, but essentially no activity for fibroblasts, which is similar to the biological activity of FGF7. Studies of the mouse homolog of suggested that this gene is required for embryonic epidermal morphogenesis including brain development, lung morphogenesis, and initiation of lim bud formation. This gene is also implicated to be a primary factor in the process of wound healing. [provided by RefSeq, Jul 2008]
Keywords	FGF10; fibroblast growth factor 10; FGF-10; keratinocyte growth factor 2; produced by fibroblasts of urinary bladder lamina propria;

GENE INFORMATION

Entrez Gene ID	2255
UniProt ID	O15520
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
Function	chemoattractant activity; fibroblast growth factor receptor binding; growth factor activity; heparin binding; protein binding; type 2 fibroblast growth factor receptor binding

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