



Mouse anti-Human GDF7 monoclonal antibody, clone 4E23 (CABT-B10316)

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

PRODUCT INFORMATION

Immunogen	GDF7 (NP_878248, 361 a.a. ~ 451 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	4E23
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	LGWDDWIIAPLDYEAYHCEGLCDFPLRSHLEPTNHAIQTLLNSMAPDAAPASCCVPARL SPISILYIDAANNVVYKQYEDMVVEACGCR*
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	This gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that
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regulate diverse processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord. [provided by RefSeq, Jul 2008]

Keywords	GDF7; growth differentiation factor 7; BMP12; growth/differentiation factor 7; GDF-7;
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GENE INFORMATION

Entrez Gene ID	151449
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UniProt ID	Q7Z4P5
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Pathway	TGF-beta signaling pathway, organism-specific biosystem; TGF-beta signaling pathway, conserved biosystem
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Function	cytokine activity; growth factor activity; protein binding; protein homodimerization activity
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