



Mouse anti-Human HOXB13 monoclonal antibody, clone 2F0 (CABT-B10414)

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

PRODUCT INFORMATION

Immunogen	HOXB13 (AAH07092, 61 a.a. ~ 216 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	2F0
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MAEPWGNELASAAARGDLEQLTSLLQNNNVNAQNGFRGRTALQVMKLGNEIARRLLLRG ANPDLKDRTGFAVIHDAARAGFLDTLQTLLEFQADVNIEDNEGNLPLHAAKEGHLRVVE FLVKHMAS
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 transcription factor that belongs to the homeobox gene family. Genes of
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this family are highly conserved among vertebrates and essential for vertebrate embryonic development. This gene has been implicated to play a role in fetal skin development and cutaneous regeneration. In mice, a similar gene was shown to exhibit temporal and spatial colinearity in the main body axis of the embryo, but was not expressed in the secondary axes, which suggests functions in body patterning along the axis. This gene and other HOXB genes form a gene cluster at chromosome the 17q21-22 region. [provided by RefSeq, Jul 2008]

Keywords HOXB13; homeobox B13; PSGD; homeobox protein Hox-B13;

GENE INFORMATION

Entrez Gene ID [10481](#)

UniProt ID [Q92826](#)

Pathway Regulation of Androgen receptor activity, organism-specific biosystem

Function sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
