



# 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

<b>Immunogen</b>	HOXB13 (AAH07092, 61 a.a. ~ 216 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	2F0
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	MAEPWGNELASAAARGDLEQLTSLLQNNVNVNAQNGFGRTALQVMKLGNPEIARRLLLRG ANPDLKDRTGFAVIHDAARAGFLDTLQTLLEFQADVNIEDNEGNLPLHLAAKEGHLRVVE FLVKHMAS
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	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

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]

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<b>Keywords</b>	HOXB13; homeobox B13; PSGD; homeobox protein Hox-B13;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">10481</a>
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<b>UniProt ID</b>	<a href="#">Q92826</a>
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<b>Pathway</b>	Regulation of Androgen receptor activity, organism-specific biosystem
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<b>Function</b>	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
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