



# Mouse anti-Human HOXB9 monoclonal antibody, clone 5D4 (CABT-B10417)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	HOXB9 (NP_076922, 65 a.a. ~ 163 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	5D4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,IP,sELISA,ELISA
<b>Sequence Similarities</b>	PLSPHASGSLPSVYHPYIQPQGVPPAESRYLRTWLEPAPRGEAAPGQGQAAVKAPELLGA PGELLKQGTPEYSLETSAGREAVLSNQRPGYGDNKICEG
<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

<b>Introduction</b>	This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome
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17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	HOXB9; homeobox B9; HOX2; HOX2E; HOX-2.5; homeobox protein Hox-B9; homeo box 2E; homeo box B9; homeobox protein Hox-2E; homeobox protein Hox-2.5;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">3219</a>
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<b>UniProt ID</b>	<a href="#">P17482</a>
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<b>Function</b>	protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
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