



# Mouse anti-Human HOXA6 monoclonal antibody, clone 4B7 (CABT-B10410)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	HOXA6 (NP_076919, 31 a.a. ~ 131 a.a) partial 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>	4B7
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB,sELISA,ELISA
<b>Sequence Similarities</b>	GYDALRPFASYGASSLPDKTYTSPCFYQQSNSVLACNRASYEYGASCFYSDKDLSGASP SGSGKQRGPGDYLFHSPEQQYKPDSSSGQGKALHDEGADR*
<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>	In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these
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proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. [provided by RefSeq, Jul 2008]

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<b>Keywords</b>	HOXA6; homeobox A6; HOX1; HOX1B; HOX1.2; homeobox protein Hox-A6; homeo box 1B; homeo box A6; homeobox protein HOXA6; homeobox protein Hox-1B;
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## GENE INFORMATION

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<b>Entrez Gene ID</b>	<a href="#">3203</a>
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<b>UniProt ID</b>	<a href="#">P31267</a>
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<b>Function</b>	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
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