



# Mouse anti-Human HOXC12 monoclonal antibody, clone 4F2 (CABT-B10419)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	HOXC12 (NP_776272, 1 a.a. ~ 101 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>	4F2
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IF, sELISA, ELISA
<b>Sequence Similarities</b>	MGEHNLLNPGFVGVLVNIHTGDTFYFPNFRASGAQLPGLPLSYPRRDNVCSLSWPSAEP CNGYPQPYLGSPVSLNPPGRTCELARVEDGKGYYREPCA*
<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 belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all
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multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. [provided by RefSeq, Jul 2008]

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**Keywords** HOXC12; homeobox C12; HOX3; HOC3F; HOX3F; homeobox protein Hox-C12; homeo box 3F; homeo box C12; homeobox protein Hox-3F;

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## GENE INFORMATION

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Entrez Gene ID	<a href="#">3228</a>
UniProt ID	<a href="#">P31275</a>
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity

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