



Mouse anti-Human HOXC10 monoclonal antibody, clone 4G3 (CABT-B10418)

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

PRODUCT INFORMATION

Immunogen	HOXC10 (AAH01293, 158 a.a. ~ 257 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4G3
Conjugate	Unconjugated
Applications	WB, IF, sELISA, ELISA
Sequence Similarities	LDKTPHCSGANDFEAPFEQRASLNPRAEHLESPQLGGKVSFPETPKSDSQTPSPNEIKTE QSLAGPKGSPSESEKERAKAADSSPDTSDNEAKEEKAEN
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 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. The protein level is controlled during cell differentiation and proliferation, which may indicate this protein has a role in origin activation. [provided by RefSeq, Jul 2008]

Keywords HOXC10; homeobox C10; HOX3I; homeobox protein Hox-C10; homeo box C10; homeoprotein C10; homeobox protein Hox-3I;

GENE INFORMATION

Entrez Gene ID	3226
UniProt ID	Q9NYD6
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity