



Mouse anti-Human HOXC8 monoclonal antibody, clone 2I3 (CABT-B10422)

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

PRODUCT INFORMATION

Immunogen	HOXC8 (NP_073149, 47 a.a. ~ 137 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2I3
Conjugate	Unconjugated
Applications	WB, IP, ELISA
Sequence Similarities	PGFQHASHHVQDFFHHGTSGISNSGYQQNPCSLSGDASKFYGYEALPRQSLYGAQQEA SVVQYPDCKSSANTNSSEGQQGHLNQNNSPS*
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 product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders. [provided by RefSeq, Jul 2008]

Keywords HOXC8; homeobox C8; HOX3; HOX3A; homeobox protein Hox-C8; homeo box 3A; homeo box C8; homeobox protein Hox-3A; Hox-3.1, mouse, homolog of;

GENE INFORMATION

Entrez Gene ID [3224](#)

UniProt ID [P31273](#)

Function protein binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity