



Mouse anti-Human HOXB1 monoclonal antibody, clone 4E2 (CABT-B10412)

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

PRODUCT INFORMATION

Immunogen	HOXB1 (NP_002135, 1 a.a. ~ 75 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	4E2
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	MDYNRMNSFLEYPLCNRGPSAYSAHSAPTSFPPSSAQAVDSYASEGRYGGGLSSPAFQQN SGYPAQQPPSTLGV*
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, located on different chromosomes, consisting of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXB genes located in a cluster on chromosome 17. [provided by RefSeq, Jul 2008]

Keywords HOXB1; homeobox B1; HOX2; HCFP3; HOX2I; Hox-2.9; homeobox protein Hox-B1; homeobox protein Hox-2I;

GENE INFORMATION

Entrez Gene ID	3211
UniProt ID	P14653
Function	DNA binding; protein binding; protein domain specific binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
