



Mouse anti-Human HOXB9 monoclonal antibody, clone 5D4 (CABT-B10417)

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

PRODUCT INFORMATION

Immunogen	HOXB9 (NP_076922, 65 a.a. ~ 163 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	5D4
Conjugate	Unconjugated
Applications	WB, IP, sELISA, ELISA
Sequence Similarities	PLSPHASGSLPSVYHPYIQPQGVPPAESRYLRTWLEPAPRGEAAPGQQQAAVKAEPPLLGA PGELLKQGTPEYSLETSAGREAVLSNQRPGYGDNKICEG
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 is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome
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17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer. [provided by RefSeq, Jul 2008]

Keywords HOXB9; homeobox B9; HOX2; HOX2E; HOX-2.5; homeobox protein Hox-B9; homeo box 2E; homeo box B9; homeobox protein Hox-2E; homeobox protein Hox-2.5;

GENE INFORMATION

Entrez Gene ID [3219](#)

UniProt ID [P17482](#)

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