



Mouse anti-Human HOXB8 monoclonal antibody, clone 5G9 (CABT-B10416)

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

PRODUCT INFORMATION

Immunogen	HOXB8 (NP_076921, 16 a.a. ~ 115 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	5G9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	GESLRPNYYDCGFAQDLGGRPTVVYGPSSGGSFQHPHSQIQEFYHGPSSLSTAPYQQNPCA VACHGDPGNFYGYDPLQRQSLFGAQDPDLVQYADCKLAA*
Format	Liquid
Size	50 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 Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on
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chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Increased expression of this gene is associated with colorectal cancer. Mice that have had the murine ortholog of this gene knocked out exhibit an excessive pathologic grooming behavior. This behavior is similar to the behavior of humans suffering from the obsessive-compulsive spectrum disorder trichotillomania. [provided by RefSeq, Jul 2008]

Keywords	HOXB8; homeobox B8; HOX2; HOX2D; Hox-2.4; homeobox protein Hox-B8; homeo box 2D; homeo box B8; homeobox protein Hox-2D; homeobox protein Hox-2.4;
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GENE INFORMATION

Entrez Gene ID	3218
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UniProt ID	Q8N8T3
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Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity
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