



Mouse anti-Human LMO1 monoclonal antibody, clone 5G8 (CABT-B10575)

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

PRODUCT INFORMATION

Immunogen	LMO1 (NP_002306, 1 a.a. ~ 91 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	5G8
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Sequence Similarities	MMVLDKEDGVPMILSVQPKGKQKGCAAGCNRKIKDRYLLKALDKYWHEDCLKACCDRLGE VGSTLYTKANLILCRRDYLRLFGTTGNCAA*
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 locus encodes a transcriptional regulator that contains two cysteine-rich LIM domains but lacks a DNA-binding domain. LIM domains may play a role in protein interactions; thus the
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encoded protein may regulate transcription by competitively binding to specific DNA-binding transcription factors. Alterations at this locus have been associated with acute lymphoblastic T-cell leukemia. Chromosomal rearrangements have been observed between this locus and at least two loci, the delta subunit of the T-cell antigen receptor gene and the LIM domain binding 1 gene. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2012]

Keywords	LMO1; LIM domain only 1 (rhombotin 1); TTG1; RBTN1; RHOM1; rhombotin-1; LMO-1; LIM domain only protein 1; T-cell translocation gene 1; cysteine-rich protein TTG-1; T-cell translocation protein 1;
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GENE INFORMATION

Entrez Gene ID	4004
UniProt ID	P25800
Function	metal ion binding; sequence-specific DNA binding transcription factor activity; zinc ion binding
