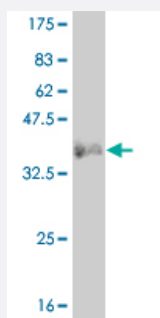


LMO2 monoclonal antibody (M04), clone 4C6

Catalog # H00004005-M04

Size 100 ug

Applications



Western Blot detection against Immunogen (35.57 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant LMO2.
Immunogen	LMO2 (NP_005565, 16 a.a. ~ 102 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PVDEV LQIPPSLLTCGGCQQNIGDRYFLKAIDQYWHEDCLSCDLCGCRLGEVGRRLYYKLGRKLC RRDYLR LFGQDGLCASC DKRIR
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.57 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — LMO2

Entrez GeneID [4005](#)

GeneBank Accession# [NM_005574](#)

Protein Accession# [NP_005565](#)

Gene Name LMO2

Gene Alias RBTN2, RBTN1, RHOM2, TTG2

Gene Description LIM domain only 2 (rhombotin-like 1)

Omim ID [180385](#)

Gene Ontology [Hyperlink](#)

Gene Summary LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation cluster (11p13 ttc), where a number T-cell acute lymphoblastic leukemia-specific translocations occur. Alternative splicing results in multiple transcript variants encoding different isoforms

Other Designations LIM domain only 2|T-cell translocation gene 2|rhombotin 2|rhombotin-like 1

Disease

- [Genetic Predisposition to Disease](#)
- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)

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- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)