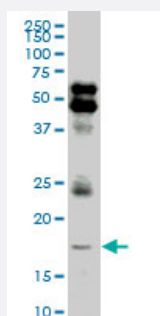


LMO2 monoclonal antibody (M05), clone 4D3

Catalog # H00004005-M05

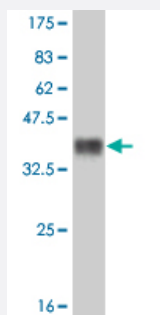
Size 100 ug

Applications



Western Blot (Tissue lysate)

LMO2 monoclonal antibody (M05), clone 4D3. Western Blot analysis of LMO2 expression in human spleen.



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 LQIPPSLLTCGGCQQNIGDRYFLKAIDQYWHEDCLSCDLCGCRLGEVGRRLLYYKLGRKLC
RRDYLR LFGQDGLCASC DKRIR

Host

Mouse

Reactivity

Human

Isotype

IgG2a 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 (Tissue lysate)

LMO2 monoclonal antibody (M05), clone 4D3. Western Blot analysis of LMO2 expression in human spleen.

[Protocol Download](#)

- 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, RBTNL1, 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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- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)