

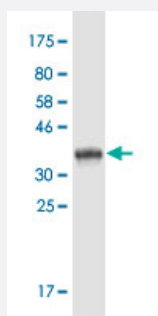
CX Grade

LMO2 monoclonal antibody (M05C), clone 4D3

Catalog # H00004005-M05C

Size 200 uL

Applications



Western Blot detection against Immunogen (35.2 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant LMO2.
This product is belong to Cell Culture Grade Antibody (CX Grade).

Immunogen

LMO2 (NP_005565.1, 16 a.a. ~ 102 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

PVDEVLQIPPSLLTCGGCQQNIGDRYFLKAIDQYWHEDCLSCDLCGCRLGEVGRRLYYKLGRKLC
RRDYLRFLFGQDGLCASC DKRIR

Host

Mouse

Reactivity

Human

Preparation Method

Cell Culture Production

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (35.2 KDa) .

Storage Buffer

In condensed culture supernatant

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_005574.2
Protein Accession#	NP_005565.1
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

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