

LMO2 rabbit monoclonal antibody

Catalog # H00004005-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human LMO2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human LMO2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human LMO2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — LMO2

Entrez GeneID [4005](#)

GeneBank Accession# [LMO2](#)

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

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- [Waldenstrom Macroglobulinemia](#)
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