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LMO2 Antibody

Purified Mouse Monoclonal Antibody
Catalog # AO1769a

Product Information

Application	WB, FC, E
Primary Accession	P25791
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4D8
Isotype	IgG1
Calculated MW	18358
Description	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.
Immunogen	Purified recombinant fragment of human LMO2 (AA: 1-158) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	4005
Other Names	Rhombotin-2, Cysteine-rich protein TTG-2, LIM domain only protein 2, LMO-2, T-cell translocation protein 2, LMO2, RBTN2, RBTNL1, RHOM2, TTG2
Dilution	WB~~1/500 - 1/2000 FC~~1:10~50 E~~1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LMO2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LMO2

Synonyms	RBTN2, RBTNL1, RHOM2, TTG2
Function	Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state.
Cellular Location	Nucleus.

References

1.FEBS J. 2011 Sep;278(17):3065-75. 2.Leuk Lymphoma. 2011 Jun;52(6):1146-9.

Images

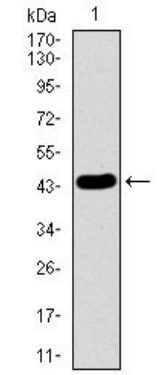


Figure 1: Western blot analysis using LMO2 mAb against human LMO2 recombinant protein. (Expected MW is 43.9 kDa)

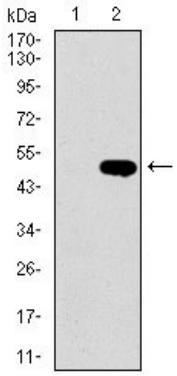


Figure 2: Western blot analysis using LMO2 mAb against HEK293 (1) and LMO2 (AA: 1-158)-hIgGFc transfected HEK293 (2) cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.