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LMO2 Recombinant Rabbit mAb

Catalog # AP96367

Product Information

Application	WB
Reactivity	Human
Host	Rabbit
Clonality	Recombinant
Calculated MW	18 KDa
Physical State	Liquid
Immunogen	A synthesized peptide derived from human LMO2
Epitope Specificity	1-50/158
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 LIM zinc-binding domains.
SUBUNIT	Interacts via its LIM domains with ELF2 and LBD1. Also interacts with basic helix-loop-helix protein TAL1/SCL and can assemble in a complex with LMO2 and TAL1/SCL (By similarity). Interacts with BEX2 and KDM5A.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.[provided by RefSeq, Nov 2008]

Additional Information

Other Names	LMO-2; RBTN2; RBTNL1; RHOM2; TTG2; Rbtn-2; Rhom-2; RBTN2_HUMAN; LMO2; Cysteine-rich protein TTG-2; LIM domain only protein 2 (LMO-2); T-cell translocation protein 2; RBTN2_MOUSE; LIM domain only 2; rhombotin-like 1; T-cell translocation gene 2
Dilution	WB=1:500-2000,Flow-Cyt=1:50-100
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.