

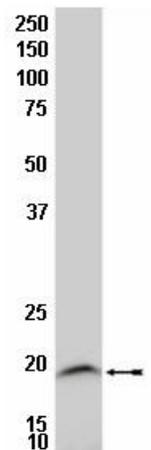
MOUSE ANTI-LIM DOMAIN ONLY 2 MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB10139	QUANTITY:	100 μ L
LOT NUMBER:	XXXXXXXXX	CONCENTRATION:	1 mg/mL
CLONE NAME:	2E6	HOST/ISOTYPE:	IgG2a

BACKGROUND: LIM Domain only 2 (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.

IMMUNOGEN: Recombinant human LMO2

APPLICATIONS: Western Blot Analysis: A 1 μ g/mL dilution of the lot detected LMO2 in nuclear extract from HL-60 cells. Arrow indicates the expected band at approximately 18 kDa.



Optimal working dilutions must be determined by end user.

SPECIES REACTIVITY: Human

FORMAT: Supernatant

PRESENTATION: Liquid containing 0.1% sodium azide.

STORAGE/HANDLING: Maintain at 2-8°C for up to 12 months from date of receipt.

REFERENCES: Ma, S, *et al* (2007). The significance of LMO2 expression in the progression of prostate cancer. *J Pathol* **211**: 278-285.

Natkunam, Yasodha, *et al* (2007). The oncoprotein LMO2 is expressed in normal germinal-center B cells and in human B-cell lymphomas. *Blood* **109**: 1636-1642.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.



**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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