

Product datasheet for **TA506177AM**

LMO2 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI2D7]

Product data:

| | |
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| Product Type: | Primary Antibodies |
| Clone Name: | OTI2D7 |
| Applications: | WB |
| Recommended Dilution: | WB 1:4000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human LMO2(NP_005565) produced in HEK293T cell. |
| Formulation: | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | Biotin |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 18.2 kDa |
| Gene Name: | LIM domain only 2 |
| Database Link: | NP_005565 Entrez Gene 16909 Mouse Entrez Gene 362176 Rat Entrez Gene 4005 Human P25791 |



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Background:

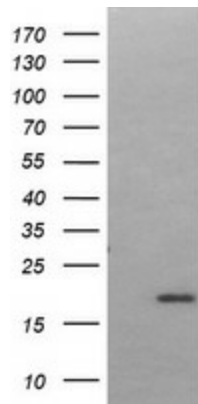
LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac erythropoiesis. The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. The LMO2 transcription start site is located approximately 25 kb downstream from the 11p13 T-cell translocation 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]

Synonyms:

RBTN2; RBTN1; RHOM2; TTG2

Protein Families:

Druggable Genome

Product images:

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LMO2 ([RC205376], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LMO2. Positive lysates [LY432149] (100ug) and [LC432149] (20ug) can be purchased separately from OriGene.