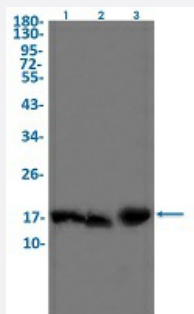


RecomAb™

LMO2 recombinant monoclonal antibody, clone R06-5F6

Catalog # RAB02131 Size 100 uL

Applications



Western Blot

Western Blot analysis of Lane 1: Jurkat, Lane 2: HeLa, Lane 3: Raji lysates with LMO2 recombinant monoclonal antibody, clone R06-5F6 (Cat # RAB02131).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human LMO2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human LMO2.
Theoretical MW (kDa)	Calculated MW: 18 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of Lane 1: Jurkat, Lane 2: HeLa, Lane 3: Raji lysates with LMO2 recombinant monoclonal antibody, clone R06-5F6 (Cat # RAB02131).

- Immunoprecipitation

Gene Info — LMO2

Entrez GeneID[4005](#)**Protein Accession#**[P25791](#)**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 of 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

- [Genetic Predisposition to Disease](#)

- [Hematologic Diseases](#)
- [Hodgkin Disease](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Lymphoproliferative Disorders](#)
- [Occupational Diseases](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Waldenstrom Macroglobulinemia](#)
- [Werner syndrome](#)