



# RBTN2 Monoclonal Antibody

Catalog No	BYmab-07143
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	LMO2 RBTN2 RBTNL1 RHOM2 TTG2
Protein Name	Rhombotin-2 (Cysteine-rich protein TTG-2) (LIM domain only protein 2) (LMO-2) (T-cell translocation protein 2)
Immunogen	Synthesized peptide derived from human protein . at AA range: 1-80
Specificity	RBTN2 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	17kD
Cell Pathway	Nucleus .
Tissue Specificity	Brain,Colon,Kidney,
Function	disease:A chromosomal aberration involving LMO2 may be a cause of a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(11,14)(p13;q11) with TCRD.,domain:The second LIM zinc-binding domain interacts with KDM5A.,function:Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state.,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.,
Background	LIM domain only 2(LMO2) Homo sapiens LMO2 encodes a cysteine-rich, two LIM-domain protein that is required for yolk sac erythropoiesis. The LMO2 protein

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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],

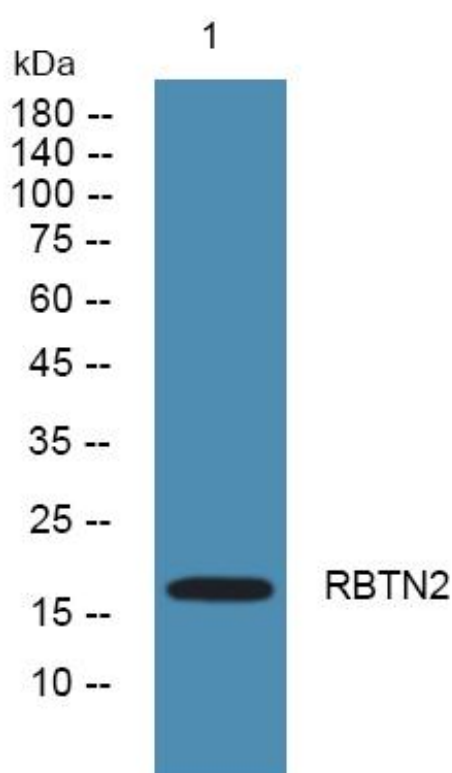
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using RBTN2 Monoclonal Antibody