

Rabbit anti-Human LMO2 Antibody | anti-LMO2 antibody

LMO2 (B-Cell Marker)

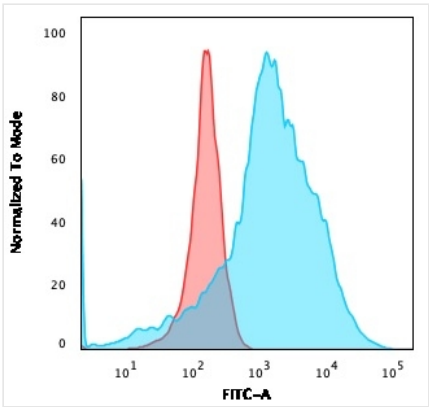
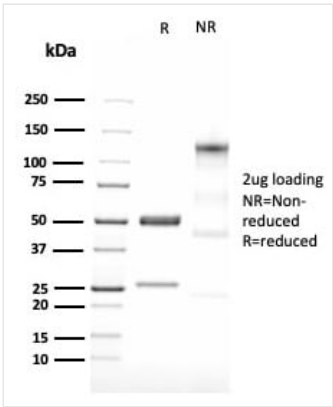
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215070	Rabbit	Human	Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

LMO2; LMO2 (B-Cell Marker); Cysteine-rich protein TTG-2; LIM domain only protein 2; LMO-2; RBTN L1; RBTN2; Rhombotin like 1; Rhombotin-2 (RHOM2); T-cell translocation protein 2; TTG2; anti-LMO2 antibody

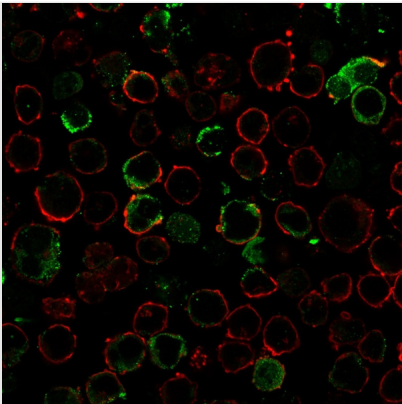
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Isotype	IgG
Clone Number	LMO2/3147R
Specificity	The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. It has a particular function in normal and lymphatic endothelial cells involving the regulation of angiogenesis and lymph-angiogenesis. Immunohistochemical studies have also demonstrated expression of LMO2 in both normal germinal center B-cells and germinal center-derived B-cell lymphomas, including follicular lymphoma and diffuse large B-cell lymphoma. The use of anti-LMO2 is valuable as a tool in the identification of lymphomas of B-cell origin. LMO2 is useful in differentiating follicular lymphoma (LMO2+) from nodal marginal zone lymphoma (LMO2-). It also is positive in Hodgkin's and Burkitt's lymphomas.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	158
Applicable Applications for anti-LMO2 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Positive Control	K562, Ramos or Raji cells. Placenta, Pancreas or Hodgkin's lymphoma.
Immunogen	Recombinant fragment (around aa 23-140) human LMO2 protein (exact sequence is proprietary)
Cellular Localization	Nuclear
Hu-chromosome Location	11p13
Antibody Type	Recombinant Rabbit Monoclonal Antibody
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



SDS-PAGE
SDS-PAGE Analysis Purified LMO2 Recombinant Rabbit Monoclonal Antibody (LMO2/3147R). Confirmation of Purity and Integrity of Antibody.

FCM/FACS (Flow Cytometry)
Flow Cytometric Analysis of K562 cells using LMO2 Recombinant Rabbit Monoclonal Antibody (LMO2/3147R) followed by goat anti-rabbit IgG-CF488 (Blue); Isotype Control (Red).



IF (Immunofluorescence)
Immunofluorescence staining of K562 cells using LMO2 Recombinant Rabbit Monoclonal Antibody (LMO2/3147R) followed by goat anti-rabbit IgG conjugated to CF488 (green). Membrane stained with Phalloidin (Red).

ADDITIONAL INFORMATION

References	Younes, SF et al. Am J Clin Pathol. 2011 May;135(5):697-708.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	132533
NCBI GeneID	4005
UniProt Accession #	P25791
Molecular Weight	24kDa
NCBI Official Full Name	Rhombotin-2
NCBI Official Synonym Full Names	LIM domain only 2
NCBI Official Symbol	LMO2
NCBI Official Synonym Symbols	TTG2; LMO-2; RBTN2; RHOM2; RBTN1
NCBI Protein Information	rhombotin-2
UniProt Protein Name	Rhombotin-2
UniProt Gene Name	LMO2

UniProt Synonym Gene Names	RBTN2; RBTN1; RHOM2; TTG2; LMO-2
UniProt Entry Name	RBTN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rabbit-human-antibody/lmo2/215070>