

Mouse anti-Human LMO2 Antibody | anti-LMO2 antibody

LMO2 (B-Cell Marker)

CATALOG # AAA215069	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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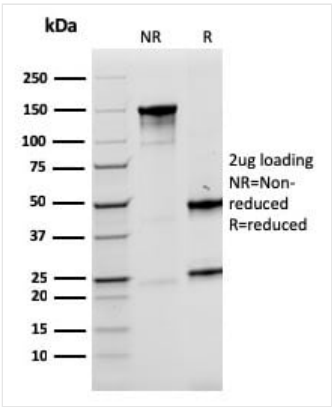
PRODUCT SYNONYMS

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

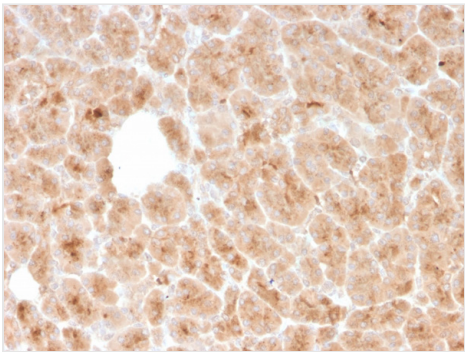
Host	Mouse
Reactivity	Human
Isotype	IgG1, kappa
Clone Number	rLMO2/1971
Specificity	The LMO2 protein has a central and crucial role in hematopoietic development and is highly conserved. It has a particular function in normal and lymphatic endothelial cells involving the regulation of angiogenesis and 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	IHC (Immunohistochemistry)
Positive Control	K562, Ramos or Raji cells. Placenta, pancreas or Hodgkin's lymphoma.
Immunogen	Recombinant human LMO2 protein fragment (around aa 23-140) (exact sequence is proprietary)
Cellular Localization	Nuclear
Hu-chromosome Location	11p13
Antibody Type	Recombinant Mouse 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.

IMAGES

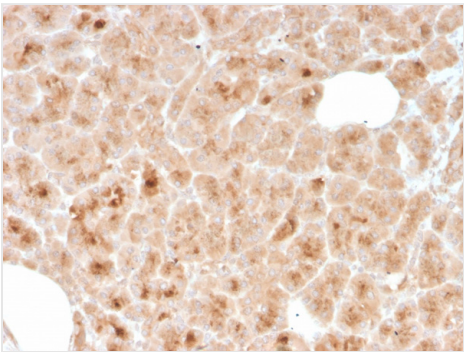


SDS-PAGE

SDS-PAGE Analysis Purified LMO2 Mouse Monoclonal Antibody (rLMO2/1971).
Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human pancreas stained with LMO2 Mouse Monoclonal Antibody (rLMO2/1971).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human pancreas stained with LMO2 Mouse Monoclonal Antibody (rLMO2/1971).

ADDITIONAL INFORMATION

References	Younes, SF et al. Am J Clin Pathol. 2011 May;135(5):697
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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; RBTNL1
NCBI Protein Information	rhombotin-2
UniProt Protein Name	Rhombotin-2
UniProt Gene Name	LMO2
UniProt Synonym Gene Names	RBTN2; RBTNL1; RHOM2; TTG2; LMO-2

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://www.aaabiotech.com/mouse-human-antibody/lmo2/215069>