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Datasheet for ABIN6939967

## Recombinant anti-LMO2 antibody (AA 23-140)

### 3 Images

#### Overview

Quantity:	100 µg
Target:	LMO2
Binding Specificity:	AA 23-140
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This LMO2 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

#### Product Details

Immunogen:	Recombinant human LMO2 protein fragment (around aa 23-140) (exact sequence is proprietary)
Clone:	RLMO2-1971
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

#### Target Details

Target:	LMO2
Alternative Name:	LMO2 ( <a href="#">LMO2 Products</a> )

## Target Details

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**Background:** 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.

**Molecular Weight:** 24kDa

**Gene ID:** 4005

**UniProt:** [P25791](#)

**Pathways:** [Chromatin Binding](#)

## Application Details

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**Application Notes:** Positive Control: K562, Ramos or Raji cells. Placenta, pancreas or Hodgkin s lymphoma.  
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

**Restrictions:** For Research Use only

## Handling

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**Concentration:** 200 µg/mL

**Buffer:** 10 mM PBS with 0.05 % BSA & 0.05 % azide.

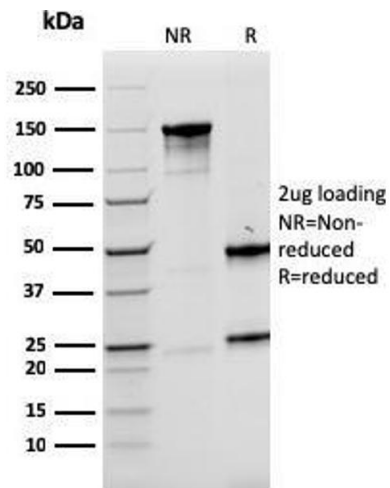
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-80 °C

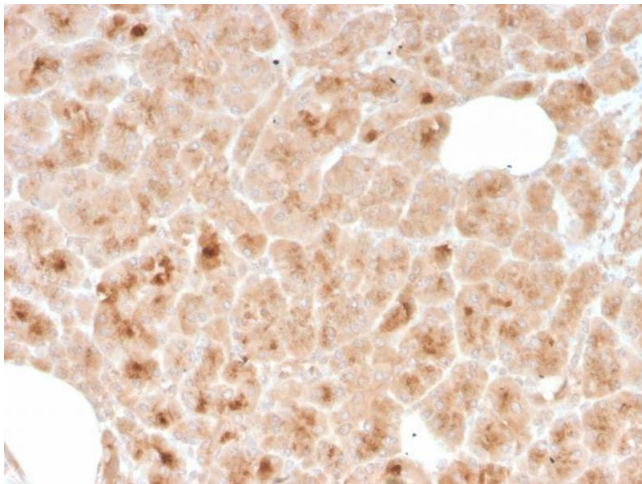
**Storage Comment:** Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

**Expiry Date:** 24 months



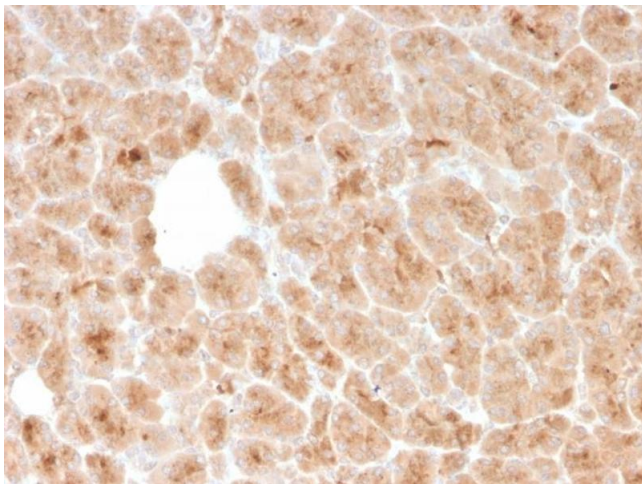
### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified LMO2 Mouse Monoclonal Antibody (rLMO2/1971). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human pancreas stained with LMO2 Mouse Monoclonal Antibody (rLMO2/1971).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human pancreas stained with LMO2 Mouse Monoclonal Antibody (rLMO2/1971).