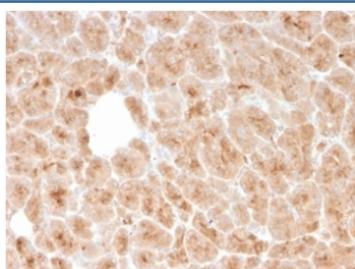


## Recombinant LMO2 Antibody / Rhombotin 2 [clone rLMO2/1971] (V9144)

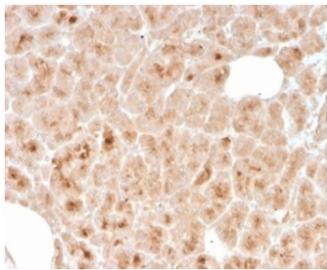
Catalog No.	Formulation	Size
V9144-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9144-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9144SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

**Bulk quote request**

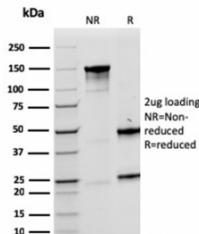
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	rLMO2/1971
<b>Purity</b>	Protein A/G affinity
<b>UniProt</b>	P25791
<b>Localization</b>	Nucleus, cytoplasm and cell surface
<b>Applications</b>	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
<b>Limitations</b>	This recombinant LMO2 antibody is available for research use only.



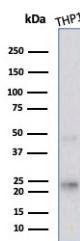
IHC staining of FFPE human pancreatic tissue with recombinant LMO2 antibody (clone rLMO2/1971). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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SDS-PAGE analysis of purified, BSA-free recombinant LMO2 antibody (clone rLMO2/1971) as confirmation of integrity and purity.



Western blot testing of human THP1 cell lysate using recombinant LMO2 antibody (clone rLMO2/1971). Predicted molecular weight ~25 kDa.

## Description

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.

## Application Notes

Optimal dilution of the recombinant LMO2 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 23-140 was used as the immunogen for the recombinant LMO2 antibody.

## Storage

Aliquot the recombinant LMO2 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

