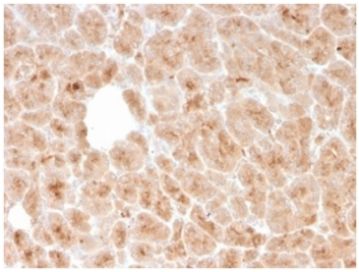
Recombinant LMO2 Antibody / Rhombotin 2 [clone rLMO2/1971] (V9144)

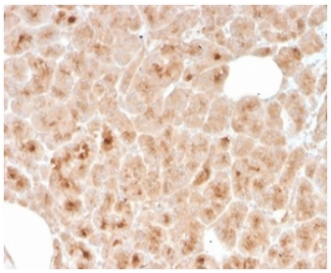
Catalog No.	Formulation	Size
V9144-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9144-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9144SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

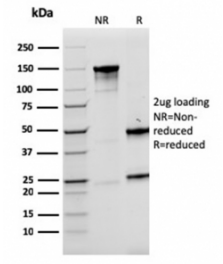
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	rLMO2/1971
Purity	Protein A/G affinity
UniProt	P25791
Localization	Nucleus, cytoplasm and cell surface
Applications	Western blot: 1-2ug/ml Immunohistochemistry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



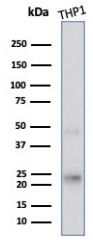
IHC staining of FFPE human pancreatic tissue with recombinant LMO2 antibody (clone rLMO2/1971). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



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.



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 (LM02-). 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 -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.