Recombinant LMO2 (B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone rLMO2/1971]

Catalog No	Format	Size
4005-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
4005-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
4005-MSM4-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

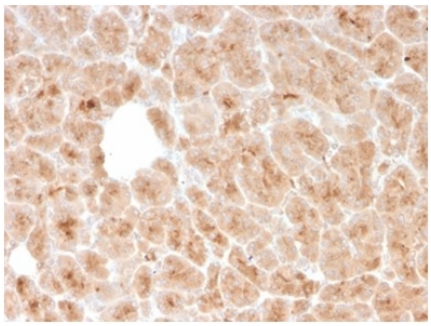
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

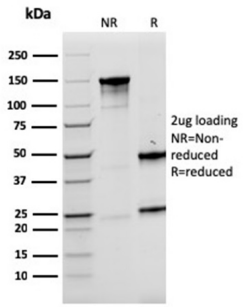
Clone	rLMO2/1971
Immunogen	Recombinant fragment (around aa23-140) of the human LMO2 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	18.36kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	K562, Hodgkin s lymphoma., Ramos or Raji cells.Human placenta, pancreas, Brain

**Optimal dilution for a specific application should be determined.*

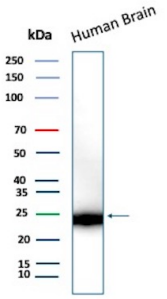
Product Images for Recombinant LMO2 (B-Cell Marker) Antibody



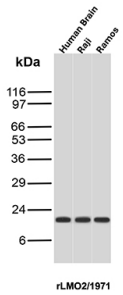
Formalin-fixed, paraffin-embedded human pancreas stained with LMO2 Mouse Monoclonal Antibody (rLMO2/1971).



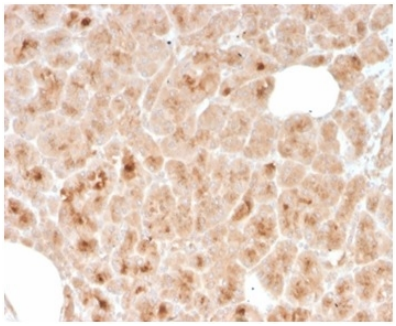
Formalin-fixed, paraffin-embedded human pancreas stained with LMO2 Mouse Monoclonal Antibody (rLMO2/1971).



Western Blot Analysis of Human Brain tissue lysate using LMO2 Recombinant Mouse Monoclonal Antibody (rLMO2/1971).



Western Blot Analysis of Human Brain, Raji and Ramos lysates using LMO2 Recombinant Mouse Monoclonal Antibody (rLMO2/1971).



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

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.