

Datasheet for ABIN6937789
anti-LMO2 antibody (AA 23-140)



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Overview

Quantity:	100 µg
Target:	LMO2
Binding Specificity:	AA 23-140
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LMO2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant human LMO2 protein fragment (around aa 23-140) (exact sequence is proprietary)
Clone:	LMO2-1971
Isotype:	IgG2b kappa
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

Product Details

is useful in differentiating follicular lymphoma (LMO2+) from nodal marginal zone lymphoma (LMO2-). It also is positive in Hodgkin s and Burkitt s lymphomas.

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	LMO2
Alternative Name:	LMO2 (LMO2 Products)
Background:	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, LMO2 (B-Cell Marker) Cellular localisation: Nuclear
Molecular Weight:	24kDa
Gene ID:	4005, 34560
UniProt:	P25791
Pathways:	Chromatin Binding

Application Details

Application Notes:	Known_Application: Flow Cytometry (1-2 µg/million cells), Western Blot (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT), (Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes), Optimal dilution for a specific application should be determined. Positive_Control: K562, Ramos or Raji cells. Placenta, pancreas or Hodgkin s lymphoma.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Preservative:	Azide free
Storage:	-20 °C,-80 °C

Handling

Storage Comment: Antibody without azide store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months