

Datasheet for ABIN932474
anti-LM01 antibody

2 Images



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Overview

Quantity:	100 µg
Target:	LM01
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LM01 antibody is un-conjugated
Application:	Dot Blot (DB), Immunocytochemistry (ICC)

Product Details

Immunogen:	LM01 antibody was raised in mouse using recombinant Human Lim Domain Only 1 (Rhombotin 1)
Clone:	790C2a
Isotype:	IgG2b
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	LM01
Alternative Name:	LM01 (LM01 Products)

Target Details

Background: LMO1 encodes a cysteine-rich, two LIM domain transcriptional regulator. It is mapped to an area of consistent chromosomal translocation in chromosome 11, disrupting it in T-cell leukemia, although more rarely than the related gene, LMO2 is disrupted. Synonyms: Monoclonal LMO1 antibody, Anti-LMO1 antibody, LIM domain only 1 antibody, RHOM1 antibody, TTG1 antibody.

Pathways: [Dopaminergic Neurogenesis](#)

Application Details

Application Notes: ICC: 2-100 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: LMO1 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂ PO₄, 140 mM NaCl, 8.0 mM Na₂ HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

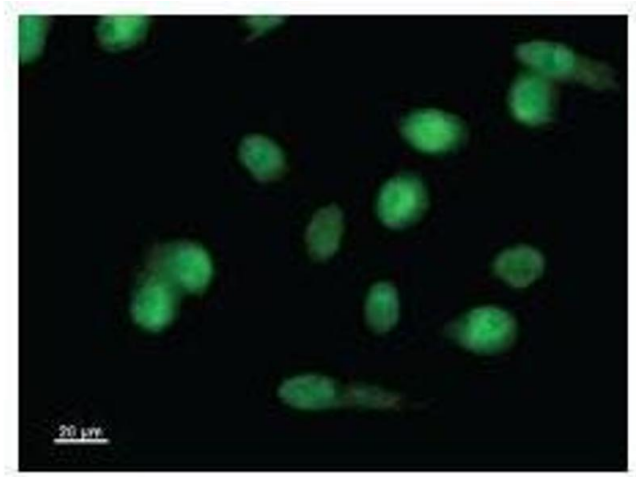
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

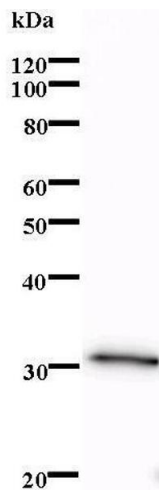
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Immunofluorescence

Image 1. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-LMO1 antibody.



Western Blotting

Image 2.