

Datasheet for ABIN654714
anti-LMO4 antibody (AA 104-131)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	LMO4
Binding Specificity:	AA 104-131
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This LMO4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	This LMO4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-131 amino acids from the Central region of human LMO4.
Clone:	RB24682
Isotype:	Ig Fraction
Predicted Reactivity:	B
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	LMO4
Alternative Name:	LMO4 (LMO4 Products)

Target Details

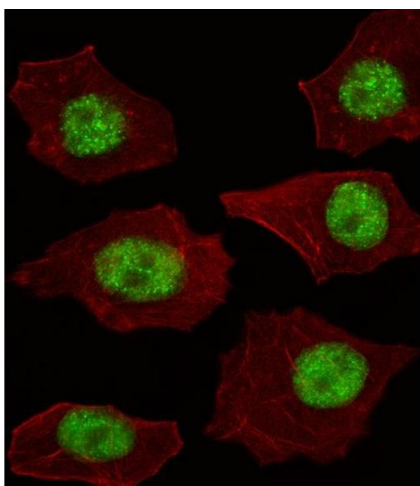
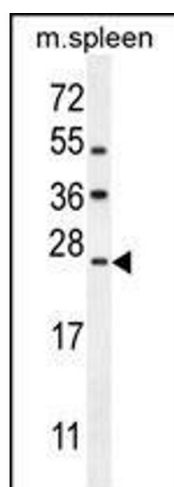
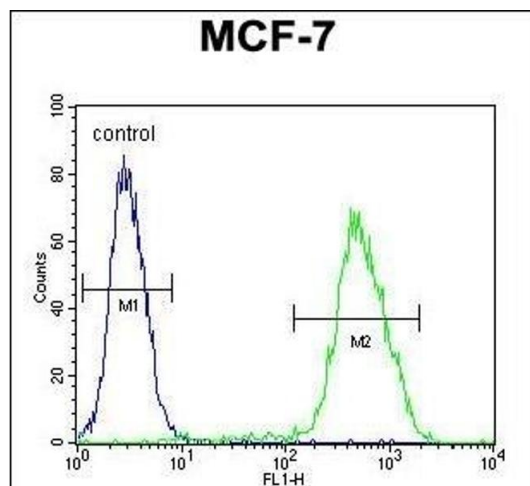
Background:	This gene encodes a cysteine-rich protein that contains two LIM domains but lacks a DNA-binding homeodomain. The encoded protein may play a role as a transcriptional regulator or as an oncogene.
Molecular Weight:	17994
Gene ID:	8543
NCBI Accession:	NP_006760
UniProt:	P61968
Pathways:	Tube Formation

Application Details

Application Notes:	IF: 1:10~50. WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. LMO4 Antibody (Center) (ABIN654714 and ABIN2844403) flow cytometric analysis of MCF-7 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. LMO4 Antibody (Center) (ABIN654714 and ABIN2844403) western blot analysis in mouse spleen tissue lysates (35 µg/lane). This demonstrates the LMO4 antibody detected the LMO4 protein (arrow).

Immunofluorescence

Image 3. Fluorescent image of A549 cell stained with LMO4 Antibody (Center) (ABIN654714 and ABIN2844403). A549 cells were fixed with 4 % PFA (20 min), permeabilized with Triton X-100 (0.1 %, 10 min), then incubated with LMO4 primary antibody (1:25, 1 h at 37 °C). For secondary antibody, Alexa Fluor® 488 conjugated donkey anti-rabbit antibody (green) was used (1:400, 50 min at 37 °C). Cytoplasmic actin was counterstained with Alexa Fluor® 555 (red) conjugated Phalloidin (7 units/mL, 1 h at 37 °C). LMO4 immunoreactivity is localized to Nucleus significantly.