

# LMO4 Polyclonal Antibody

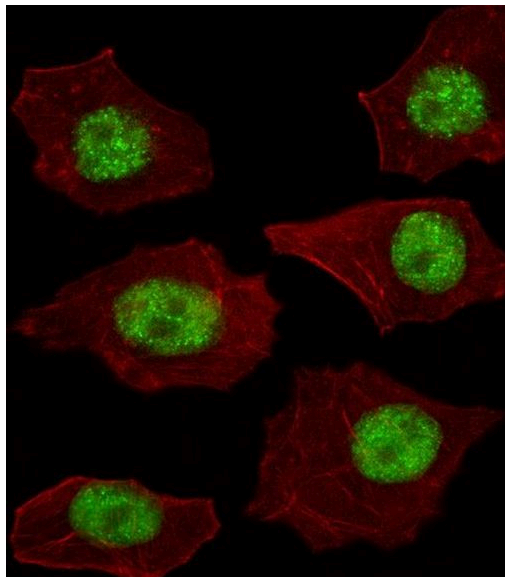
Product Details	
Size	400 µL
Species Reactivity	Human, Mouse
Published Species	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	KLH conjugated synthetic peptide between 104-131 amino acids from the central region of human LMO4
Form	Liquid
Concentration	0.4 mg/mL
Purification	Protein A, Antigen affinity chromatography
Storage buffer	PBS
Contains	0.09% sodium azide
Storage conditions	-20° C, Avoid Freeze/Thaw Cycles
RRID	AB_2541748

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	1:10-1:50	-
Flow Cytometry (Flow)	1:10-1:50	-

## Product Specific Information

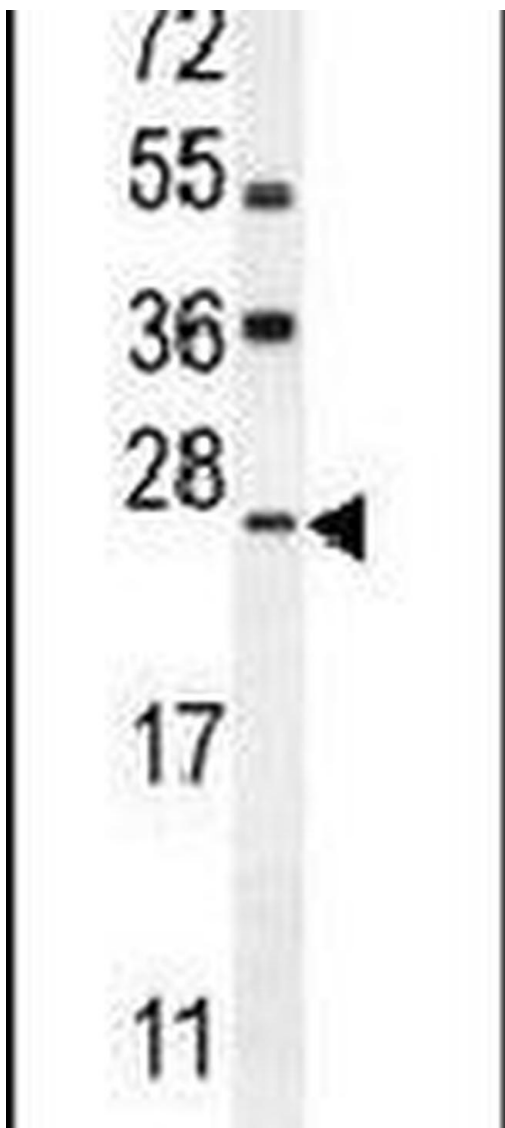
This antibody is predicted to react with bovine based on sequence homology.

## Product Images For LMO4 Polyclonal Antibody



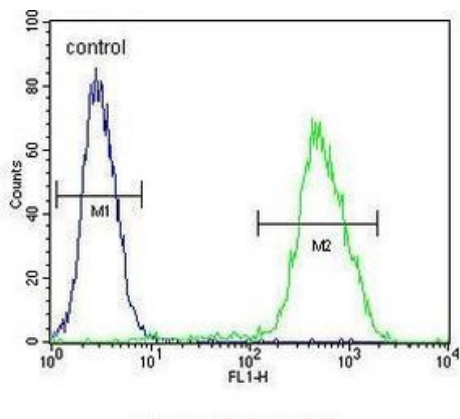
#### **LMO4 Antibody (PA5-24248) in ICC/IF**

Immunofluorescent analysis of A549 cells using a LMO4 polyclonal antibody (Product # PA5-24248). A549 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with a LMO4 polyclonal antibody (Product # PA5-24248) (1:25, 1 hr at 37°C). Primary antibody was detected with fluor-conjugated donkey anti-rabbit secondary antibody (green) at 1:400 dilution for 50 min at 37°C). Actin filaments have been labeled with dye-conjugated phalloidin (red).



#### **LMO4 Antibody (PA5-24248) in WB**

Western blot analysis using a LMO4 polyclonal antibody (Product # PA5-24248) in mouse spleen tissue lysates (35 µg per lane).



### LMO4 Antibody (PA5-24248) in Flow

Flow cytometry analysis of MCF-7 cells using a LMO4 polyclonal antibody (Product # PA5-24248) (right) compared to a negative control cell (left) at a dilution of 1:10-50, followed by a FITC-conjugated goat anti-rabbit antibody

## 1 Reference

### Immunohistochemistry (1)

The Journal of experimental medicine

#### Yeats4 drives ILC lineage commitment via activation of *Lmo4* transcription.

"PA5-24248 was used in Immunohistochemistry to show that the Yeats4-Lmo4 axis is required for ILC lineage commitment."

Authors: Liu B, Yang L, Zhu X, Li H, Zhu P, Wu J, Lu T, He L, Liu N, Meng S, Zhou L, Ye B, Tian Y, Fan Z

Year  
2019

Species  
Mouse

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