

LMO4 Antibody (monoclonal) (M01)
Mouse monoclonal antibody raised against a full length recombinant LMO4.
Catalog # AT2726a

Specification

LMO4 Antibody (monoclonal) (M01) - Product Information

Application	IF, WB, E
Primary Accession	P61968
Other Accession	BC017673
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Lambda
Calculated MW	17994

LMO4 Antibody (monoclonal) (M01) - Additional Information

Gene ID 8543

Other Names

LIM domain transcription factor LMO4,
Breast tumor autoantigen, LIM domain only
protein 4, LMO-4, LMO4

Target/Specificity

LMO4 (AAH17673, 1 a.a. ~ 165 a.a)
full-length recombinant protein with GST
tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate
buffered saline, pH 7.2 .

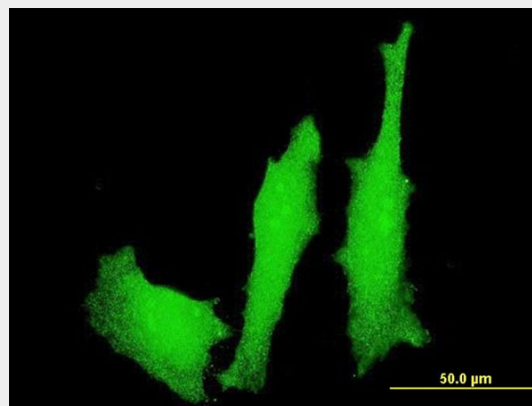
Storage

Store at -20°C or lower. Aliquot to avoid
repeated freezing and thawing.

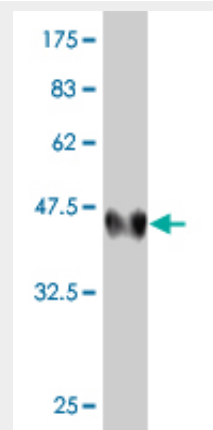
Precautions

LMO4 Antibody (monoclonal) (M01) is for
research use only and not for use in
diagnostic or therapeutic procedures.

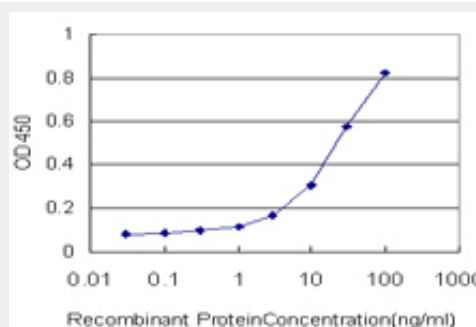
**LMO4 Antibody (monoclonal) (M01) -
Protocols**



Immunofluorescence of monoclonal antibody
to LMO4 on HeLa cell . [antibody
concentration 10 ug/ml]



Antibody Reactive Against Recombinant
Protein.Western Blot detection against
Immunogen (43.89 KDa) .



Detection limit for recombinant GST tagged

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

LMO4 is approximately 0.3ng/ml as a capture antibody.

LMO4 Antibody (monoclonal) (M01) - 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.

LMO4 Antibody (monoclonal) (M01) - References

Case-control study of six genes asymmetrically expressed in the two cerebral hemispheres: association of BAIAP2 with attention-deficit/hyperactivity disorder. Ribas?s M, et al. Biol Psychiatry, 2009 Nov 15. PMID 19733838.LMO4 is an essential mediator of ErbB2/HER2/Neu-induced breast cancer cell cycle progression. Montañez-Wiscovich ME, et al. Oncogene, 2009 Oct 15. PMID 19648968.Genome-wide and candidate gene association study of cigarette smoking behaviors. Caporaso N, et al. PLoS One, 2009. PMID 19247474.Transcription factor Lmo4 defines the shape of functional areas in developing cortices and regulates sensorimotor control. Huang Z, et al. Dev Biol, 2009 Mar 1. PMID 19111533.LIM only 4 is overexpressed in late stage pancreas cancer. Yu J, et al. Mol Cancer, 2008 Dec 22. PMID 19099607.