10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LMO7 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant LMO7.
Catalog # AT2727a

Specification

LMO7 Antibody (monoclonal) (M01) - Product Information

Application	**IF**
Primary Accession	Q8WWI1
Other Accession	NM_005358
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**192696**

LMO7 Antibody (monoclonal) (M01) - Additional Information

Gene ID 4008

Other Names
LIM domain only protein 7, LMO-7, F-box only protein 20, LOMP, LMO7, FBX20, FBXO20, KIAA0858

Target/Specificity
LMO7 (NP_005349, 453 a.a. ~ 540 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
IF~~1:50~200

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
LMO7 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

LMO7 Antibody (monoclonal) (M01) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

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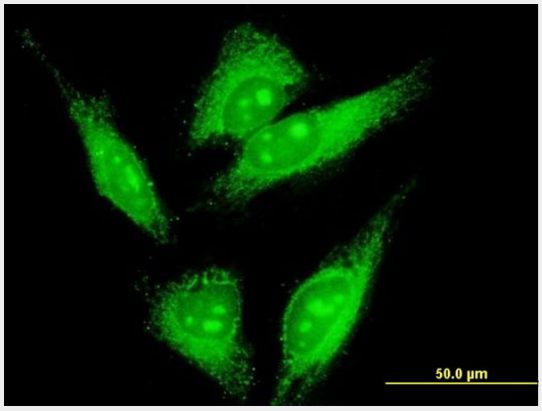
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LMO7 Antibody (monoclonal) (M01) - Images



Immunofluorescence of monoclonal antibody to LMO7 on HeLa cell . [antibody concentration 10 ug/ml]

LMO7 Antibody (monoclonal) (M01) - Background

This gene encodes a protein containing a calponin homology (CH) domain, a PDZ domain, and a LIM domain, and may be involved in protein-protein interactions. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene, however, the full-length nature of some variants is not known.

LMO7 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Global, in vivo, and site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.Lmo7 is an emerin-binding protein that regulates the transcription of emerin and many other muscle-relevant genes. Holaska JM, et al. Hum Mol Genet, 2006 Dec 1. PMID 17067998.A probability-based approach for high-throughput protein phosphorylation analysis and site localization. Beausoleil SA, et al. Nat Biotechnol, 2006 Oct. PMID 16964243.Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.