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

FBLIM1 Antibody (monoclonal) (M10)

Mouse monoclonal antibody raised against a partial recombinant FBLIM1.
Catalog # AT2008a

Specification

FBLIM1 Antibody (monoclonal) (M10) - Product Information

Application	**WB, E**
Primary Accession	Q8WUP2
Other Accession	NM_017556
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**40670**

FBLIM1 Antibody (monoclonal) (M10) - Additional Information

Gene ID 54751

Other Names
Filamin-binding LIM protein 1, FBLP-1, Migfilin, Mitogen-inducible 2-interacting protein, MIG2-interacting protein, FBLIM1, FBLP1

Target/Specificity
FBLIM1 (NP_060026, 270 a.a. ~ 373 a.a) partial 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
FBLIM1 Antibody (monoclonal) (M10) is for research use only and not for use in diagnostic or therapeutic procedures.

FBLIM1 Antibody (monoclonal) (M10) - Protocols

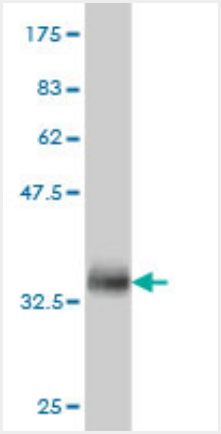
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

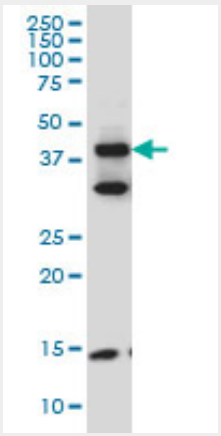
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

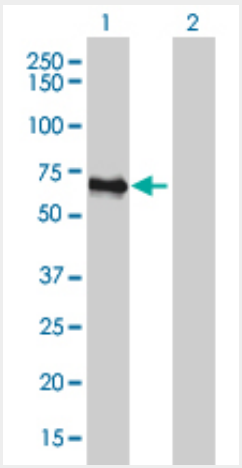
FBLIM1 Antibody (monoclonal) (M10) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.18 KDa) .



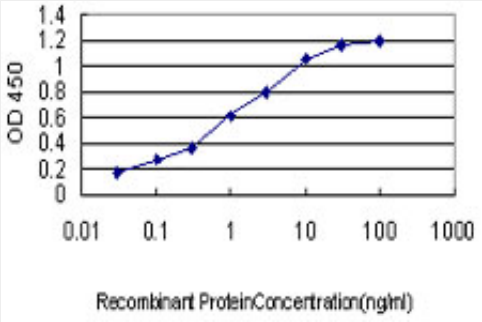
FBLIM1 monoclonal antibody (M10), clone 5E11 Western Blot analysis of FBLIM1 expression in HepG2 ((Cat # AT2008a)



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

Western Blot analysis of FBLIM1 expression in transfected 293T cell line by FBLIM1 monoclonal antibody (M10), clone 5E11.

Lane 1: FBLIM1 transfected lysate(41 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FBLIM1 is approximately 0.03ng/ml as a capture antibody.

FBLIM1 Antibody (monoclonal) (M10) - Background

This gene encodes a protein with an N-terminal filamin-binding domain, a central proline-rich domain, and, multiple C-terminal LIM domains. This protein localizes at cell junctions and may link cell adhesion structures to the actin cytoskeleton. This protein may be involved in the assembly and stabilization of actin-filaments and likely plays a role in modulating cell adhesion, cell morphology and cell motility. This protein also localizes to the nucleus and may affect cardiomyocyte differentiation after binding with the CSX/NKX2-5 transcription factor. Alternative splicing results in multiple transcript variants encoding different isoforms.

FBLIM1 Antibody (monoclonal) (M10) - References

1.Kindlin-1 Is Required for RhoGTPase-Mediated Lamellipodia Formation in Keratinocytes.Has C, Herz C, Zimina E, Qu HY, He Y, Zhang ZG, Wen TT, Gache Y, Aumailley M, Bruckner-Tuderman L.Am J Pathol. 2009 Oct;175(4):1442-52. Epub 2009 Sep 17.