

MESP1 Antibody (monoclonal) (M06)**Mouse monoclonal antibody raised against a partial recombinant MESP1.****Catalog # AT2847a****Specification**

MESP1 Antibody (monoclonal) (M06) - Product Information

Application	WB, E
Primary Accession	O9BRJ9
Other Accession	NM_018670
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	28501

MESP1 Antibody (monoclonal) (M06) - Additional Information**Gene ID** 55897**Other Names**

Mesoderm posterior protein 1, Class C basic helix-loop-helix protein 5, bHLHc5, MESP1, BHLHC5

Target/Specificity

MESP1 (NP_061140.1, 1 a.a. ~ 63 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

E~~N/A

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

MESP1 Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

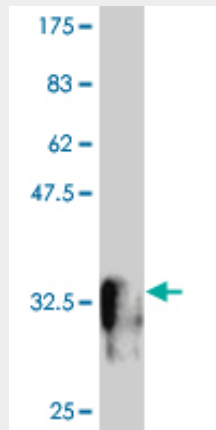
MESP1 Antibody (monoclonal) (M06) - Protocols

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

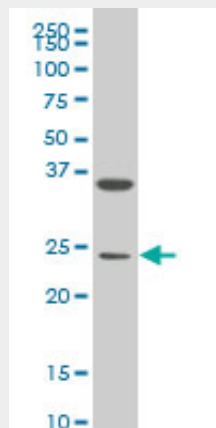
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

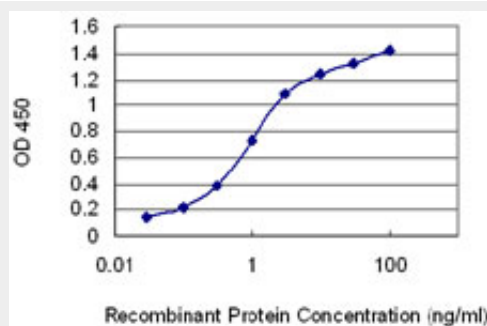
MESP1 Antibody (monoclonal) (M06) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.56 KDa) .



MESP1 monoclonal antibody (M06), clone 1F9. Western Blot analysis of MESP1 expression in FHS 173 WE.



Detection limit for recombinant GST tagged MESP1 is 0.03 ng/ml as a capture antibody.

MESP1 Antibody (monoclonal) (M06) - References

MesP1 drives vertebrate cardiovascular differentiation through Dkk-1-mediated blockade of Wnt-signalling. David R, et al. Nat Cell Biol, 2008 Mar. PMID 18297060. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Transcriptional regulation of Mesp1 and Mesp2 genes: differential usage of enhancers during development. Haraguchi S, et al. Mech Dev, 2001 Oct. PMID 11578861. MesP1: a novel basic helix-loop-helix protein expressed in the nascent mesodermal cells during mouse gastrulation. Saga Y, et al. Development, 1996 Sep. PMID 8787751.