

Mouse Monoclonal Antibody to MESP1

Catalogue Number	sAP-0407
Target Molecule	Name: MESP1 Aliases: bHLHc5; MGC10676; MESP1 MW: 28.5kDa Entrez Gene ID: 55897
Description	Mesp1 (mesoderm posterior 1) is a basic helix-loop-helix-type transcription factor, which along with its related proteins, has an essential role in both segmentation and rostro-caudal patterning of somites in the anterior pre-somitic mesoderm. Mesp1 is expressed in many of the precursors of the cardiovascular system and is known to play a role in the process of cardiac morphogenesis.
Immunogen	Purified recombinant fragment of human MESP1 expressed in E. Coli. ;
Recitative Species	Human
Clone	MM1A3;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Proc Natl Acad Sci U S A. 2007 Mar 6;104(10):3859-64. ; 2. Cell Stem Cell. 2008 Jul 3;3(1):69-84. ; 3. Circulation. 2008 Jul 29;118(5):507-17.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**