

Mouse Monoclonal Antibody to MESP2

Catalogue Number	sAP-0789
Target Molecule	Name: MESP2 Aliases: SCDO2; bHLHc6 MW: 41.8kDa Entrez Gene ID: 145873
Description	This gene encodes a member of the bHLH family of transcription factors and plays a key role in defining the rostrocaudal patterning of somites via interactions with multiple Notch signaling pathways. This gene is expressed in the anterior presomitic mesoderm and is downregulated immediately after the formation of segmented somites. This gene also plays a role in the formation of epithelial somitic mesoderm and cardiac mesoderm. Mutations in the MESP2 gene cause autosomal recessive spondylocostal dysostosis 2 (SCD02). ; ;
Immunogen	Purified recombinant fragment of human MESP2 (AA: 37-94) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1B3F9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, 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.Stud Health Technol Inform. 2012;176:52-5. ; 2.Am J Hum Genet. 2008 Jun;82(6):1334-41. ;

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**