

Mouse Monoclonal Antibody to MESP2

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| Catalogue Number | sAP-0789 |
| Target Molecule | <p>Name: MESP2</p> <p>Aliases: SCDO2; bHLHc6</p> <p>MW: 41.8kDa</p> <p>Entrez Gene ID: 145873</p> |
| Description | <p>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 dystosis 2 (SCD02). ;</p> |
| Immunogen | Purified recombinant fragment of human MESP2 (AA: 37-94) expressed in E. Coli. |
| Recitative 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**