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Datasheet

MESP2 monoclonal antibody (M03), clone 1E11

Catalog Number: H00145873-M03

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant MESP2.

Clone Name: 1E11

Immunogen: MESP2 (XP_085261, 2 a.a. ~ 125 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
AQSPPPQSLLGHDHWIFAQGWGWAGHWDSTSPASS
SDSSGSCPCDGARGLPQPQPPSCSSRAAEAAATTPR
RARTGPAGGQRQSASEREKLRMRTLARALHELRRFL
PPSLAPAGQSLTKIETL*

Host: Mouse

Reactivity: Human

Applications: ELISA
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 145873

Gene Symbol: MESP2

Gene Alias: SCDO2, bHLHc6

Gene Summary: 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). [provided by RefSeq]