MESP2 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	MESP2, Monoclonal Antibody
Full Product Name	MESP2 (Mesoderm Posterior 2 Homolog (mouse), SCDO2, bHLHc6) (APC)
Product Gene Name	anti-MESP2 antibody
Product Synonym Names	Mesoderm Posterior 2 Homolog (mouse); SCDO2; bHLHc6
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	1.0e+11
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified
Specificity	Recognizes MESP2.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	MESP2 (XP_085261, 2aa-125aa) full length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	APC
Product Categories/Family for anti-MESP2 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-MESP2 antibody	ELISA (EIA)
Application Notes for anti-MESP2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-MESP2 antibody	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]
Other Notes	Small volumes of anti-MESP2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for MESP2 purchase	MBS6167871 is an antibody targeting MESP2. Also known as MESP2 (Mesoderm Posterior 2 Homolog (mouse), SCDO2, bHLHc6) (APC). Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MESP2. It may not necessarily be applicable to this product.

NCBI GI #	89038661

NCBI Accession #	XP_085261
Protein Family	Mesoderm posterior protein
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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