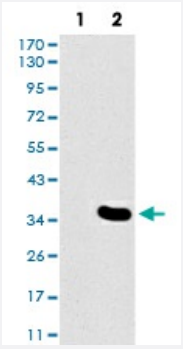
MESP2 monoclonal antibody, clone 1B3F9

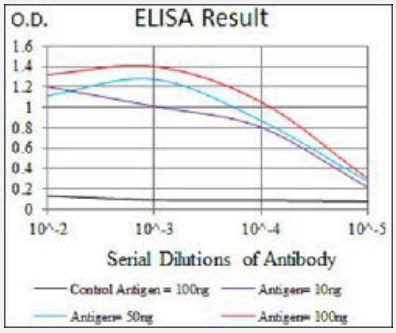
Catalog # MAB17757 Size 100 ug

Applications



Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) MESP2-hIgGFc transfected HEK293 cell lysate with MESP2 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of MESP2 monoclonal antibody, clone 1B3F9.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human MESP2.
Immunogen	Recombinant protein corresponding to amino acids 37-94 of human MESP2 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	41.8
Reactivity	Human
Form	Liquid
Isotype	IgG1

Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

  Western blot analysis of (1) HEK293 cells, (2) MESP2-hIgGFc transfected HEK293 cell lysate with MESP2 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis of MESP2 monoclonal antibody, clone 1B3F9.

Gene Info — MESP2

Entrez GeneID	145873
Gene Name	MESP2
Gene Alias	SCDO2, bHLHc6
Gene Description	mesoderm posterior 2 homolog (mouse)
Omim ID	605195 608681
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the bHLH family of transcription factors and plays a key role in d efining the rostrocaudal patterning of somites via interactions with multiple Notch signaling pathwa ys. This gene is expressed in the anterior presomitic mesoderm and is downregulated immediate ly after the formation of segmented somites. This gene also plays a role in the formation of epitheli al somitic mesoderm and cardiac mesoderm. Mutations in the MESP2 gene cause autosomal re cessive spondylocostal dystosis 2 (SCD02). [provided by RefSeq

Other Designations	mesoderm posterior 2 homolog