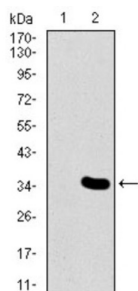
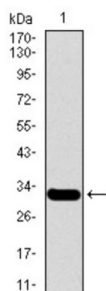


Mesoderm Posterior BHLH Transcription Factor 2 (MESP2) Antibody

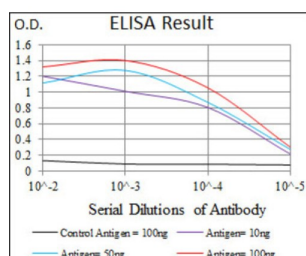
Catalogue No.: abx011989



Western blot analysis using MESP2 antibody against human MESP2 recombinant protein. (Expected MW is 31.4 kDa).



Western blot analysis using MESP2 antibody against HEK293 (1) and MESP2 (AA: 37-94) - hlgFc transfected HEK293 (2) cell lysate.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

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).

Target: Mesoderm Posterior BHLH Transcription Factor 2 (MESP2)

Clonality: Monoclonal

Reactivity: Human

Tested Applications: ELISA

Host: Mouse

Datasheet

Version: 2.0.0
Revision date: 19 Jun 2025



Recommended dilutions: ELISA: 1/10000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human MESP2 (AA: 37-94) expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Purified from ascites by Protein G chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: Q0VG99 ([UniProt](#), [ExPASy](#))

Gene Symbol: MESP2

GeneID: [145873](#)

OMIM: [605195](#)

HGNC: 29659

KEGG: hsa:145873

Ensembl: ENSG00000188095

String: [9606.ENSP00000342392](#)

Molecular Weight: 41.8 kDa

Buffer: PBS, containing 0.05% sodium azide.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.