# Mouse anti-Human MESP1 Monoclonal Antibody | anti-MESP1 antibody

MESP1 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA322677** | **Mouse** | **Human** | **ELISA, Western Blot** |

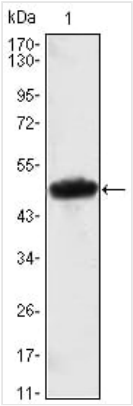
## PRODUCT SYNONYMS

MESP1; Monoclonal Antibody; MESP1 Antibody; bHLHc5; Class C basic helix-loop-helix protein 5; Mesoderm posterior 1; Mesoderm posterior 1 homolog (mouse); Mesoderm posterior 1 homolog; Mesoderm posterior protein 1; MESP 1; Mesp1; MESP1_HUMAN; MGC10676; MGC159208; MGC159210; OTTMUSP00000030151; anti-MESP1 antibody

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Mouse |
| **Reactivity** | Human |
| **Clonality** | Monoclonal |
| **Isotype** | IgG1 |
| **Specificity** | MESP1 antibody detects endogenous levels of total MESP1 |
| **Purity/Purification** | Peptide affinity purification |
| **Form/Format** | Phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Concentration** | 1mg/ml (varies by lot) |
| **Sequence Length** | 268 |
| **Applicable Applications for anti-MESP1 antibody** | ELISA, WB (Western Blot) |
| **Immunogen** | Purified recombinant fragment of human MESP1 expressed in E. Coli. |
| **Preparation and Storage** | Store at -20°C. Stable for 12 months from date of receipt. |

## IMAGES




**WB (Western Blot)**
Figure 1: Western blot analysis using MESP1 mAb against MESP1(AA: 1-200)-hIgGFc transfected HEK293 cell lysate.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-MESP1 antibody** | Description: Mesp1 (mesoderm posterior 1) is a basic helix-loop-helix-type transcription factor, which along with its related proteins, has an essential role in both segmentation and rostro-caudal patterning of somites in the anterior pre-somitic mesoderm. Mesp1 is expressed in many of the precursors of the cardiovascular system and is known to play a role in the process of cardiac morphogenesis. |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 14149724 |
| **NCBI GeneID** | 55897 |
| **NCBI Accession #** | NP_061140.1 |
| **NCBI GenBank Nucleotide #** | NM_018670.3 |
| **UniProt Accession #** | Q9BRJ9; Q9NSF1; Q9NSF2 |
| **Molecular Weight** | 28.5 kDa |
| **NCBI Official Full Name** | mesoderm posterior protein 1 |
| **NCBI Official Synonym Full Names** | mesoderm posterior bHLH transcription factor 1 |
| **NCBI Official Symbol** | MESP1 |
| **NCBI Official Synonym Symbols** | bHLHc5 |
| **NCBI Protein Information** | mesoderm posterior protein 1 |
| **UniProt Protein Name** | Mesoderm posterior protein 1 |
| **UniProt Gene Name** | **MESP1** |
| **UniProt Synonym Gene Names** | BHLHC5; bHLHc5 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/mesp1-antibody-western-blot-elisa/322677