

**Mouse Mesp1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP16455c****Specification**

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**Mouse Mesp1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [P97309](#)

**Mouse Mesp1 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 17292

**Other Names**

Mesoderm posterior protein 1, Mesp1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**Mouse Mesp1 Antibody (Center) Blocking Peptide - Protein Information**

**Name** Mesp1

**Function**

Transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways.

**Cellular Location**

Nucleus.

**Tissue Location**

No expression was detected in adult tissues except the testis. Expression in the testis was regulated developmentally; expressed 2 weeks after birth, and increases, reaching the full expression level in mature testes.

**Mouse Mesp1 Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **Mouse Mesp1 Antibody (Center) Blocking Peptide - Images**

### **Mouse Mesp1 Antibody (Center) Blocking Peptide - Background**

Mesp1 is a transcription factor. Plays a role in the epithelialization of somitic mesoderm and in the development of cardiac mesoderm. Defines the rostrocaudal patterning of the somites by participating in distinct Notch pathways.

### **Mouse Mesp1 Antibody (Center) Blocking Peptide - References**

Yu, S., et al. Dev. Biol. 347(1):92-108(2010) Li, P., et al. Dev. Cell 18(3):480-485(2010) Powers, S.E., et al. Development 137(2):249-259(2010) Randall, V., et al. J. Clin. Invest. 119(11):3301-3310(2009) Dominguez-Frutos, E., et al. Mech. Dev. 126(10):873-881(2009)