



# MESP1 Monoclonal Antibody

<b>Catalog No</b>	BYab-01000
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	MESP1
<b>Protein Name</b>	Mesoderm posterior protein 1
<b>Immunogen</b>	Purified recombinant fragment of human MESP1 expressed in E. Coli.
<b>Specificity</b>	MESP1 Monoclonal Antibody detects endogenous levels of MESP1 protein.
<b>Formulation</b>	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	Affinity purification
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	MESP1; BHLHC5; Mesoderm posterior protein 1; Class C basic helix-loop-helix protein 5; bHLHc5
<b>Observed Band</b>	
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Lung,
<b>Function</b>	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.,miscellaneous:The N- and C-terminal domains are separated by a 2-repeat G-Q region.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,
<b>Background</b>	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.,miscellaneous:The N- and C-terminal domains are separated by a 2-repeat G-Q region.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,

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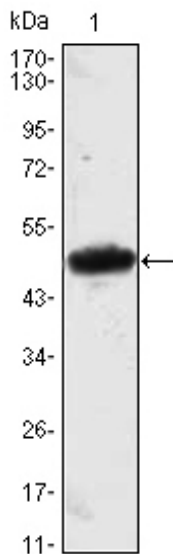
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis using MESP1 Monoclonal Antibody against MESP1-hlgGfc transfected HEK293 cell lysate.