Datasheet for ABIN969284

anti-MESP1 antibody

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Overview

Quantity:	100 µL
Target:	MESP1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MESP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of human MESP1 expressed in E. coli.
Clone:	1A3
Isotype:	IgG1
Purification:	purified

Target Details

Target:	MESP1
Alternative Name:	MESP1 (MESP1 Products)
Background:	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

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Target Details

	of cardiac morphogenesis. Aliases: bHLHc5, MGC10676, MESP1
Molecular Weight:	28.5 kDa
Gene ID:	55897
HGNC:	55897
Pathways:	Regulation of Muscle Cell Differentiation

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

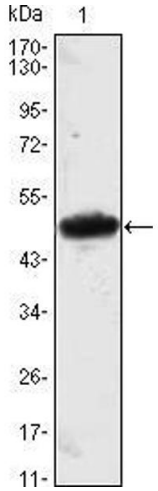
Publications

Product cited in:	Mishra, Thakur, Somal, Parmar, Yadav, Bharati, Bharti, Paul, Verma, Chouhan, Sharma, Singh, González, DOcchio, Sarkar et al.: "Expression and localization of angiopoietin family in buffalo ovarian follicles during different stages of development and modulatory role of angiopoietins on steroidogenesis and survival of cultured ..." in: **Theriogenology**, Vol. 86, Issue 7, pp. 1818-33, (2016) (PubMed). Mishra, Parmar, Yadav, Reshma, Bharati, Bharti, Paul, Chouhan, Taru Sharma, Singh, Sarkar et al.: "Expression and localization of angiopoietin family in corpus luteum during different stages of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-

Publications

869, (2016) (PubMed).

Images



Western Blotting

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

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