

Datasheet for ABIN969551

anti-NOS2 antibody

6 Images

2 Publications

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Overview

Quantity:	0.1 mg
Target:	NOS2
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human NOS2 expressed in E. coli.
Clone:	4-00E-05
Isotype:	IgG1
Purification:	purified

Target Details

Target:	NOS2
Alternative Name:	NOS2 (NOS2 Products)
Background:	Description: Nitric oxide is a reactive free radical which acts as a biologic mediator in several processes, including neurotransmission and antimicrobial and antitumoral activities. This gene encodes a nitric oxide synthase which is expressed in liver and is inducible by a combination of lipopolysaccharide and certain cytokines. Three related pseudogenes are located within the

Target Details

	Smith-Magenis syndrome region on chromosome 17. Aliases: NOS, INOS, NOS2A, HEP-NOS
Molecular Weight:	131 kDa
Gene ID:	4843
HGNC:	4843
Pathways:	Retinoic Acid Receptor Signaling Pathway , Cellular Response to Molecule of Bacterial Origin , Inositol Metabolic Process , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

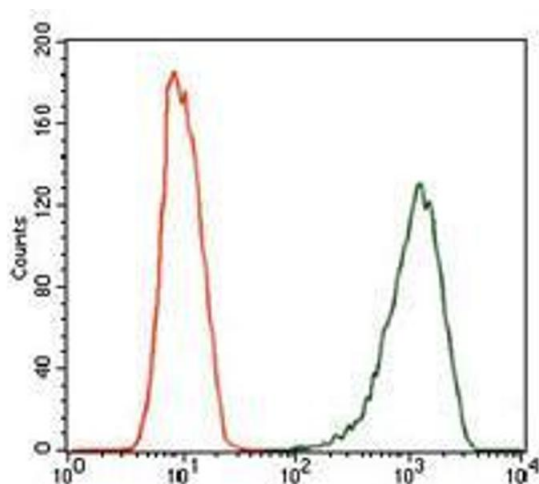
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term 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

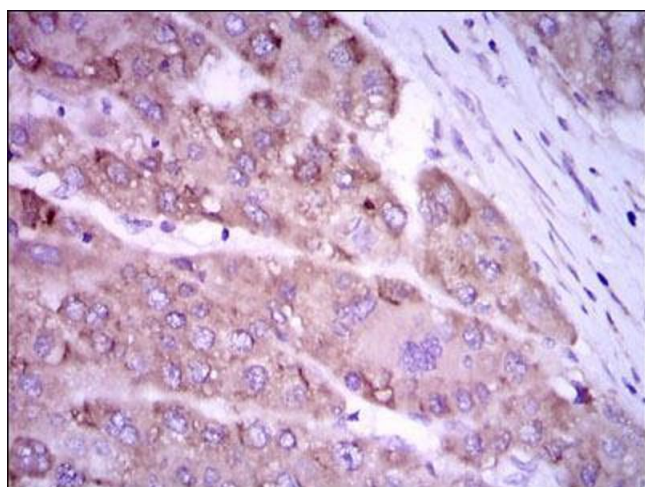
of oestrous cycle and modulatory role of angiopoietins on steroidogenesis, angiogenesis and survivability ..." in: **Reproduction in domestic animals = Zuchthygiene**, Vol. 51, Issue 6, pp. 855-869, (2016) ([PubMed](#)).

Images



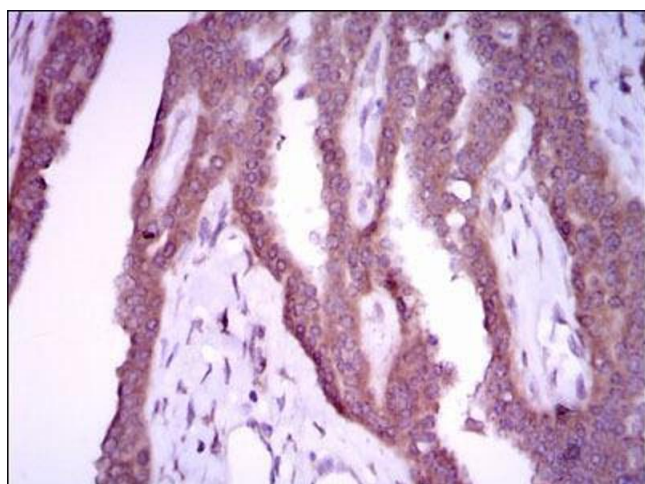
Flow Cytometry

Image 1. Flow cytometric analysis of MCF-7 cells using NOS2 mouse mAb (green) and negative control (red).



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded liver cancer tissues using NOS2 mouse mAb with DAB staining.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded breast cancer tissues using NOS2 mouse mAb with DAB staining.

Images

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN969551.