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Datasheet for ABIN969483 anti-Inhibin alpha antibody

2 Images

Coto Product page

Overview

Quantity:	100 µL
Target:	Inhibin alpha (INHA)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human INHA expressed in E. coli.
Clone:	4A2
lsotype:	lgG1
Purification:	purified

Target Details

Target:	Inhibin alpha (INHA)
Alternative Name:	INHA (Inhibin alpha) (INHA Products)
Background:	Description: INHA (A-inhibin subunit precursor, inhibin alpha subunit), also called inhibin (alpha) ,which is located on chromosome 2q33-q36. Inhibin is a gonadal protein that preferentially
	suppresses the secretion of pituitary follicle-stimulating hormone (FSH). Inhibin comprises of
	two subunits,Inhibin A and B. Inhibin has been shown to regulate gonadal stromal cell
	proliferation negatively and to have tumor suppressor activity. In addition, serum levels of

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Target Details

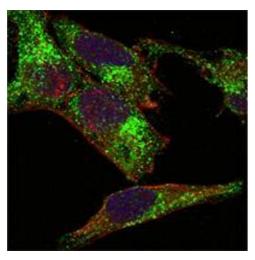
	inhibin have been shown to reflect the size of granulosa cell tumors and can therefore be used
	as a marker for primary as well as recurrent disease. In addition to their role in endocrine
	feedback in the reproductive sytem, inhibins subserve local regulatory roles in numerous
	extragonadal tissues, including brain, adrenal,bone marrow, placenta, and most notably anterior
	pituitary. Inhibin alpha subunit gene expression is down regulated in human prostate cancer,
	suggesting a tumor suppressive role.
	Aliases: INHA, inhibin, alpha
Molecular Weight:	40 kDa
Gene ID:	3623
HGNC:	3623
Pathways:	Peptide Hormone Metabolism, Hormone Activity, Negative Regulation of Hormone Secretion

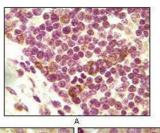
Application Details

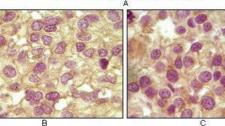
Application Notes:	ELISA: 1:10000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000
Restrictions:	For Research Use only

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







Immunofluorescence

Image 1. Confocal immunofluorescence analysis of Hela cells using INHA mouse mAb (green). Red: Actin filaments have been labeled with DY-554 phalloidin. Blue: DRAQ5 fluorescent DNA dye.

Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffinembedded human lymphoid (A), ovary tumor (B) and testicle tumor (C) tissues using INHA mouse mAb with DAB staining.

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