

产品名称: INHA Mouse Monoclonal Antibody
产品货号: AMM80901



产品概述 (Summary)

产品名称 (Production Name)	INHA Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ICC,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	INHA
别名 (Alternative Names)	INHA
基因 ID (Gene ID)	3623.0
蛋白 ID (SwissProt ID)	P05111.Purified recombinant fragment of human INHA expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ICC 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	40kDa

研究背景 (Background)

Inhibins are peptide hormones produced by the granulosa cells in female follicles and by Sertoli cells in the male seminiferous tubules. They are selectively expressed by cells of sex cord stromal derivation, and inhibit the secretion of

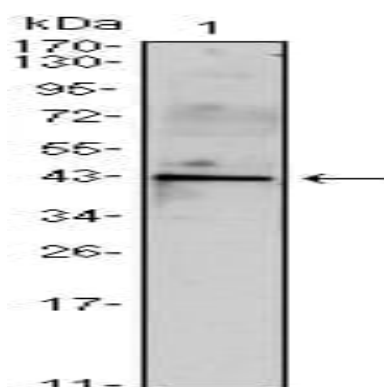
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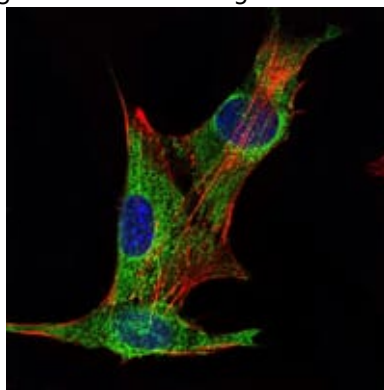
follicle-stimulating hormone (FSH) by the pituitary gland. Inhibins are also involved in regulating diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins, as inhibins and activins inhibit and activate, respectively, the secretion of follicle-stimulating hormone by the pituitary gland. Inhibin has 2 subunits (alpha and beta) that are coded by separate genes. The alpha subunit determines whether inhibin or activin will be produced. The alpha subunit remains constant, such that the various types of inhibin are defined by the beta subunit (a,b,c,d). Inhibin A is a dimer of alpha and beta A. Inhibin B is a dimer of alpha and beta B. Proteolytic processing yields a number of inhibin alpha bioactive forms: the 20/23 kDa forms consist solely of the mature alpha chain, the 26/29 kDa forms consist of the most N terminal propeptide linked through a disulfide bond to the mature alpha chain, and the 50/53 kDa forms encompass the entire proprotein. Each type can be furthermore either mono or diglycosylated, causing the mass difference.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis using INHA mouse mAb against mouse spermary (1) tissues lysate.



Immunofluorescence analysis of PANC-1 cells using INHA mouse mAb (green). Blue: DAPI fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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注意事项 (Note)

For research use only .