

INHA Ab

Images(2)

Cat.#: BF0628 Size:	Concn.: ~1mg/ml Source: Mouse	Mol.Wt.: 40kDa Clonality: Monoclonal
Application: Reactivity:	ELISA 1:10000, WB 1:500-1:2000, IF/ICC 1:200-1:1000 *The optimal dilutions should be determined by the end user. Human,Mouse	
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	Affinity-chromatography.	
Immunogen:	Purified recombinant fragment of human INHA expressed in E. Coli.	
Uniprot:	P05111	
Description:	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 follitropin 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 follitropin by the pituitary gland.	



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



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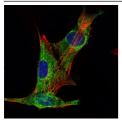


Figure 2: Immunofluorescence analysis of PANC-1 cells using INHA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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