

## Mouse Monoclonal Antibody to INHA

<b>Catalogue Number</b>	sAP-0465
<b>Target Molecule</b>	<b>Name: INHA</b> <b>Aliases: INHA</b> <b>MW: 40kDa</b> <b>Entrez Gene ID: 3623</b>
<b>Description</b>	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. Inhibin has 2 subunits (alpha and beta) that are coded by separate genes. The alpha subunit
<b>Immunogen</b>	Purified recombinant fragment of human INHA expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse
<b>Clone</b>	MM4E2;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Cancer Epidemiol Biomarkers Prev. 2008 Dec;17(12):3567-72. ; 2. Acta Histochem. 2009;111(4):360-5. ; 3. Hum Reprod. 2009 Aug;24(8):2023-8.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**