

Mouse anti-Human INHA (Inhibin alpha) Antibody | anti-INHA antibody

INHA (Inhibin alpha) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108729	Mouse	Human	ELISA, Immunohistochemistry, Immunofluorescence

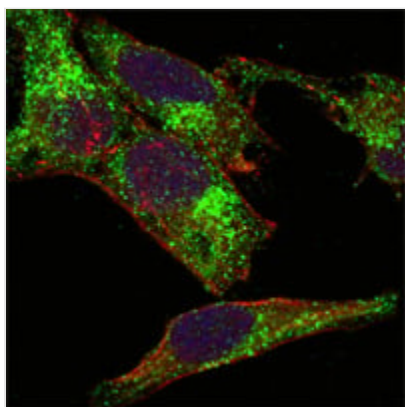
PRODUCT SYNONYMS

INHA (Inhibin alpha); INHA (Inhibin alpha) Antibody; INHA; inhibin; alpha; anti-INHA antibody

PRODUCT SPECIFICATIONS

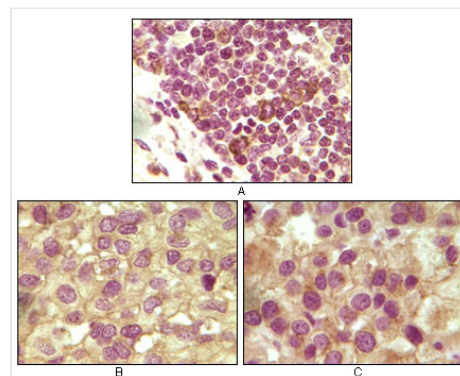
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	4A2
Form/Format	Purified antibody in PBS containing 0.03% sodium azide.
Sequence Length	366
Applicable Applications for anti-INHA antibody	ELISA, IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Purified recombinant fragment of human INHA expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



IF (Immunofluorescence)

Figure 2. 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.



IHC (Immunohistochemistry)

Figure 1. Immunohistochemical analysis of paraffin-embedded human lymphoid (A), ovary tumor (B) and testicle tumor (C) tissues using INHA mouse mAb with DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-INHA antibody	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 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.
Product Categories/Family for anti-INHA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504697
NCBI GeneID	3623
NCBI Accession #	NP_002182.1
NCBI GenBank Nucleotide #	NM_002191.3
UniProt Accession #	P05111; A8K8H5
Molecular Weight	40kDa
NCBI Official Full Name	inhibin alpha chain preproprotein
NCBI Official Synonym Full Names	inhibin subunit alpha
NCBI Official Symbol	INHA
NCBI Protein Information	inhibin alpha chain
UniProt Protein Name	Inhibin alpha chain
UniProt Gene Name	INHA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.