

Mouse INHIBIN ALPHA Monoclonal Antibody | anti-INHA antibody

MOUSE ANTI HUMAN INHIBIN ALPHA

CATALOG # AAA49722	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunohistochemistry
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PRODUCT SYNONYMS

INHIBIN ALPHA; Monoclonal Antibody; MOUSE ANTI HUMAN INHIBIN ALPHA; anti-INHA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	R1
Specificity	INHIBIN ALPHA
Form/Format	Tissue Culture Supernatant - liquid
Sequence Length	366
Applicable Applications for anti-INHA antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Immunogen	Synthetic peptide comprised of amino acids 1-32 of human inhibin alpha.
Histology Positive Control Tissue	Normal human ovary/testis
Target Species	Human
Species Cross-Reactivity	Reacts with: Bovine , Sheep N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer reviewed publications or personal communications from the originators.
Specificity	Mouse anti human inhibin alpha antibody, clone R1 recognizes the alpha subunit of the 32 kDa human inhibin. A glycoprotein which acts to suppress follicle-stimulating hormone (FSH) secretion (Groome et al, 1990).Inhibin alpha is expressed in a range of tissues including the endometrium (Mylonas et al, 2004), brain (Uccella et al, 2000), adrenal gland (McCluggage et al, 1998), testis (Bergh and Cajander, 1990) and ovary (Cuevas et al, 1987, Yamoto et al, 1992). The antibody may be of value in the differentiation of adrenocortical tumours, placental and gestational trophoblastic lesions, and sex cord stromal tumours (McCluggage, 2001). In western blotting of bovine follicular fluid, bands at 20, 44 and 57 kDa were reported under reducing conditions using clone R1 (Groome et al, 1991).
Preparation and Storage	This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



Application Data
Human testis stained with Mouse anti Human Inhibin alpha, showing Sertoli cells, Leydig cells and spermatogonia. Formalin fixed paraffin processed tissue

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
NCBI Official Full Name	inhibin alpha chain preproprotein
NCBI Official Synonym Full Names	inhibin, alpha
NCBI Official Symbol	INHA
NCBI Protein Information	inhibin alpha chain; A-inhibin subunit
UniProt Protein Name	Inhibin alpha chain
UniProt Gene Name	INHA
UniProt Entry Name	INHA_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/inhibin-alpha-antibody-clone-r1-immunohistochemistry-immunohistochemistry-elisa/49722>