

## Mouse anti-Human Inhibin alpha Monoclonal Antibody | anti-INHA antibody

Monoclonal Antibody to Inhibin alpha (Clone: ABM44F5)

|                              |                      |                            |                                                           |
|------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA78278</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

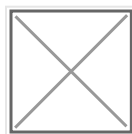
### PRODUCT SYNONYMS

Inhibin alpha; Monoclonal Antibody; Monoclonal Antibody to Inhibin alpha (Clone: ABM44F5); INHA; Antibody to Inhibin alpha; Anti-Inhibin alpha Antibody; Inhibin alpha Antibody; anti-INHA antibody

### PRODUCT SPECIFICATIONS

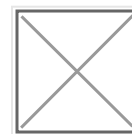
|                                                |                                                                                                                                                   |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                             |
| Reactivity                                     | Human                                                                                                                                             |
| Clonality                                      | Monoclonal                                                                                                                                        |
| Isotype                                        | IgG2b Kappa                                                                                                                                       |
| Clone Number                                   | ABM44F5                                                                                                                                           |
| Purity/Purification                            | Purified<br>Protein G Chromatography                                                                                                              |
| Form/Format                                    | 25 ug in 50 ul/100 ug in 200 ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.                                    |
| Sequence Length                                | 366                                                                                                                                               |
| Applicable Applications for anti-INHA antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                     |
| Immunogen Information                          | A partial length recombinant Inhibin alpha protein (amino acids 196-366) was used as the immunogen for this antibody.                             |
| Antigen                                        | Inhibin alpha                                                                                                                                     |
| Preparation and Storage                        | Store the antibody at 4 degree C, stable for 6 months.<br>For long-term storage, store at -20 degree C.<br>Avoid repeated freeze and thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Fig-2: Immunohistochemical analysis of Inhibin Alpha in Human Testis tissue using Inhibin Alpha antibody (Clone: ABM44F5) at 5 ug/ml.



#### WB (Western Blot)

Fig-1: Western blot analysis of Inhibin Alpha. Anti-Inhibin Alpha antibody (Clone: ABM44F5) was tested at 0.5 ug/ml on Recombinant and human Ovary lysates.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-INHA antibody | Inhibin alpha (INHA) are dimeric glycoproteins that are structurally and functionally related to transforming growth factor-beta and are composed of 1 Alpha-subunit and 1 of 2 beta-subunits (betaA or betaB). Inhibin, first identified as a hormone regulating pituitary FSH secretion, later recognized to act as a tumor suppressor in the gonad and adrenal glands. INHA are involved in regulating a number of 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 play important roles in normal gonadal function, including regulation of proliferation, differentiation, and steroidogenesis of Leydig and Sertoli cells via paracrine and autocrine processes. |
| Product Categories/Family for anti-INHA antibody   | Antibodies; Cancer Marker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                       |
|----------------------------------|-----------------------|
| NCBI GI #                        | 124274                |
| NCBI GeneID                      | 3623                  |
| UniProt Accession #              | P05111; A8K8H5        |
| Molecular Weight                 | 39,670 Da             |
| NCBI Official Full Name          | Inhibin alpha chain   |
| NCBI Official Synonym Full Names | inhibin alpha subunit |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/inhibin-alpha-antibody-clone-abm44f5-immunohistochemistry-western-blot-elisa/78278>