Recombinant Inhibin, alpha (INHA) (Gonadal Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone INHA/6598R]

Catalog No	Format	Size
3623-RBM8-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
3623-RBM8-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
3623-RBM8-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

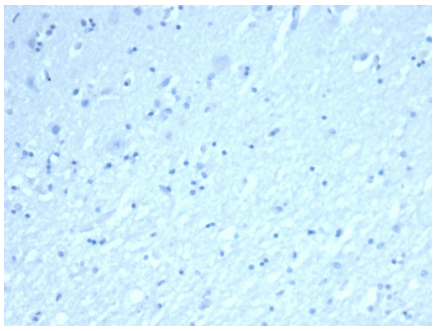
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

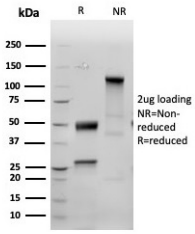
Clone	INHA/6598R
Immunogen	Recombinant fragment (around aa1-32) of the human Inhibin, alpha protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	39.67kDa
Cellular Localization	Secreted
Species Reactivity	Human
Positive Control	Human prostate or testis.

**Optimal dilution for a specific application should be determined.*

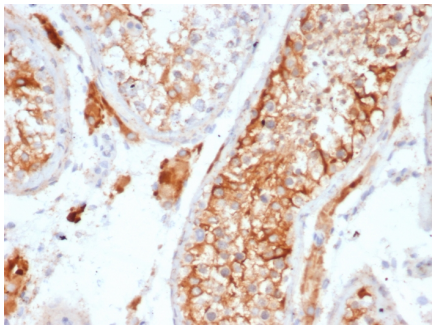
Product Images for Recombinant Inhibin, alpha (INHA) (Gonadal Cell Marker) Antibody



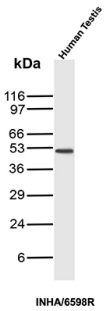
IHC analysis of formalin-fixed, paraffin-embedded human brain. Negative tissue control using INHA/6598R at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



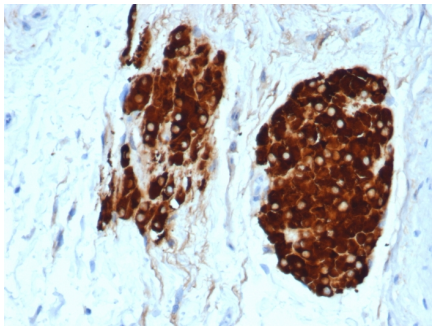
SDS-PAGE Analysis of Purified Inhibin ? Recombinant Rabbit Monoclonal Antibody (INHA/6598R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human testis stained with Inhibin ? Recombinant Rabbit Monoclonal Antibody (INHA/6598R).



Western Blot Analysis of human Testis tissue lysate using INHA Rabbit Recombinant Monoclonal Antibody (INHA/6598R).



IHC analysis of formalin-fixed, paraffin-embedded human testicular carcinoma. Staining with INHA/6598R at 2ug/ml in PBS for 30min RT. HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.

Specificity & Comments

It recognizes a 47kDa protein, which is identified as alpha sub-unit of Inhibin. It is a gonadal protein that preferentially suppresses the secretion of pituitary follicle-stimulating hormone (FSH). Inhibin comprises two subunits, Inhibin A and Inhibin B. Each subunit consists of the same ? subunit, covalently linked to 1 of 2 distinct subunits, ?-? or ?-?. Originally isolated from ovarian follicular fluid and characterized as a disulphide-linked dimeric glycoprotein, inhibin belongs to the transforming growth factor ? (TFG?) superfamily. Antibodies against Inhibin are useful in making a differentiation between adrenal cortical tumors and renal cell carcinoma. Sex cord stromal tumors of the ovary as well as trophoblastic tumors also demonstrate cytoplasmic positivity. Inhibin antibody is also used to make the differential diagnosis of intra-uterine vs. ectopic pregnancy in endometrial curetting.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.