

Datasheet for ABIN7504142
anti-Follistatin antibody

2 Images

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Overview

Quantity:	100 µg
Target:	Follistatin (FST)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Follistatin antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Raised to human Follistatin (Fst) 288 and recognizes both human Fst 288 and 315
Isotype:	IgG1
Specificity:	Follistatin is a single-chain glycosylated protein that inhibits follicle stimulating hormone (FSH) release. Alternative splicing of Follistatin mRNA yields two isoforms, FS315 and FS288. FS288 is the main cell-surface form and binds to surface heparin sulphate proteoglycans. FST/4281 is a clone raised against recombinant Fst 288, and is used in combination, commonly as the capture, with antibody FST/4282 in a two site ELISA for the detection of Follistatin.
Cross-Reactivity (Details):	Human.
Purification:	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

Target Details

Target:	Follistatin (FST)
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Target Details

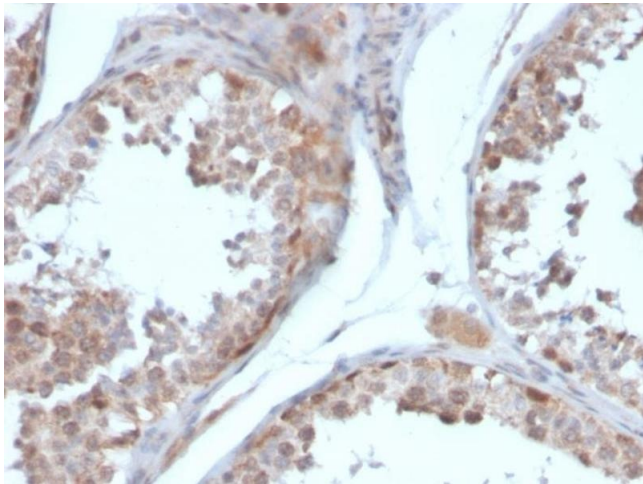
Alternative Name:	FST (FST Products)
Background:	Follistatin, FS, FST, Active-binding protein,Follistatin / Activin Binding Protein Cellular localisation: Secreted.
Molecular Weight:	37kDa
Gene ID:	10468, 9914
UniProt:	P19883
Pathways:	Negative Regulation of Hormone Secretion

Application Details

Application Notes:	Positive Control: Human testis or ovary. Known Application: ELISA (Use in combination with clone FST/4282 for two-site ELISA), ,Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

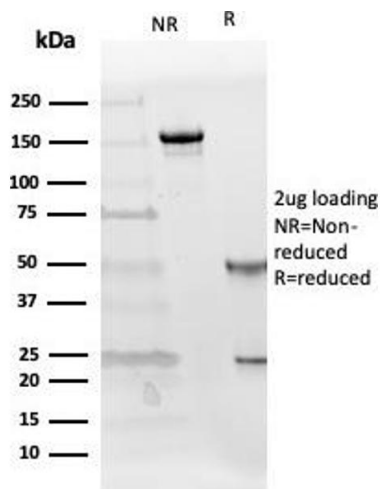
Handling

Concentration:	200 µg/mL
Buffer:	Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also available WITHOUT BSA & azide at 1.0mg/ml.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Formalin-fixed, paraffin-embedded human testis stained with Follistatin Mouse Monoclonal Antibody (FST/4281).



Western Blotting

Image 2. SDS-PAGE Analysis Purified Follistatin Mouse Monoclonal Antibody (FST/4281). Confirmation of Purity and Integrity of Antibody.