# Follistatin / Activin Binding Protein Antibody

Mouse Monoclonal Antibody [Clone FST/4281]

| Catalog No | Format | Size |
|---|---|---|
| 10468-MSM1-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 10468-MSM1-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 10468-MSM1-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

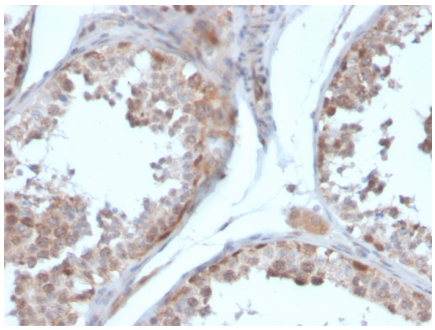
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

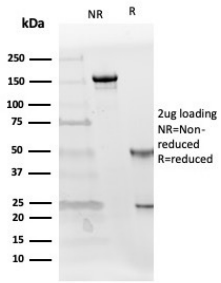
| | |
|---|---|
| **Clone** | FST/4281 |
| **Gene Name** | FST |
| **Immunogen** | Raised to human Follistatin (Fst) 288 and recognizes both human Fst 288 and 315 |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG1 |
| **Mol. Weight of Antigen** | 37kDa |
| **Cellular Localization** | Secreted |
| **Species Reactivity** | Human |
| **Positive Control** | Human testis or ovary. |

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

## Product Images for Follistatin / Activin Binding Protein Antibody



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




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

### Specificity & Comments

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.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. 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.

### Research Areas

Cardiovascular, Signal Transduction

## 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.