

For Research Use Only

# CoraLite® Plus 488-conjugated Follistatin Monoclonal antibody

Catalog Number: CL488-60060

Featured Product



## Basic Information

### Catalog Number:

CL488-60060

### Size:

100ul , Concentration: 1000 ug/ml by  
Nanodrop;

### Source:

Mouse

### Isotype:

IgG2b

### Immunogen Catalog Number:

AG0775

### GenBank Accession Number:

BC004107

### GeneID (NCBI):

10468

### UNIPROT ID:

P19883

### Full Name:

follistatin

### Calculated MW:

33 aa, 7 kDa

### Observed MW:

35 kDa

### Purification Method:

Caprylic Acid-Ammonium Sulfate  
Precipitation

### CloneNo.:

4E9B10

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

human, mouse

### Positive Controls:

IF/ICC : HeLa cells,

## Background Information

Follistatin (FST) is a member of the tissue growth factor  $\beta$  family and is a secreted glycoprotein that antagonizes many members of the family, including activin A, growth differentiation factor11, and myostatin. It binds activin A with high affinity and whose expression can be induced by activin A and several other pro-inflammatory cytokines. Activin A-follistatin complexes are biologically inactive and bind to cell surface heparan sulphate-containing proteoglycans for internalisation and degradation. It has also been found to play a significant role in the management of skeletal muscle size and mass. It also has important roles in early embryonic development, differentiation of ovarian granulosa cells, liver fibrosis and polycystic ovarian syndrome.

## Storage

### Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

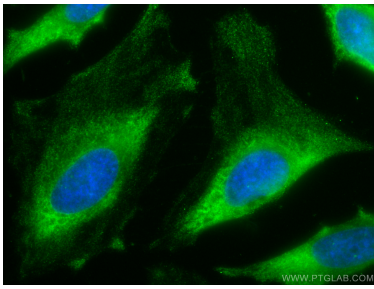
For technical support and original validation data for this product please contact:

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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)  
fixed HeLa cells using CoraLite® Plus 488  
Follistatin antibody (CL488-60060, Clone: 4E9B10 )  
at dilution of 1:200.