

For Research Use Only

CoraLite® Plus 488-conjugated Follistatin Monoclonal antibody



Catalog Number: CL488-60060

Basic Information

Catalog Number: CL488-60060	GenBank Accession Number: BC004107	Purification Method: Caprylic Acid-Ammonium Sulfate Precipitation
Size: 1000 µg/ml	GeneID (NCBI): 10468	CloneNo.: 4E9B10
Source: Mouse	UNIPROT ID: P19883	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Full Name: follistatin	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG0775	Calculated MW: 33 aa, 7 kDa	
	Observed MW: 35 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : HeLa cells,
Species Specificity: human, mouse	

Background Information

Follistatin (FST) is a member of the tissue growth factor β 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:

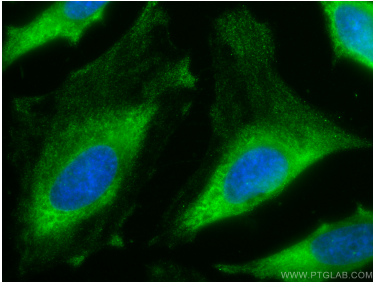
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.