

À des fins de recherche uniquement

Anticorps Monoclonal anti-Follistatin



Numéro de catalogue: 60060-1-Ig

Phare

7 Publications

Informations de base

| | | |
|--|---|--|
| Numéro de catalogue: 60060-1-Ig | Numéro d'acquisition GenBank: BC004107 | Méthode de purification: Purification par protéine A |
| Taille: 150ul, Concentration: 1900 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 10468 | CloneNo.: 4E9B10 |
| Hôte: Mouse | Nom complet: follistatin | Dilutions recommandées: WB 1:1000-1:6000 IHC 1:50-1:500 IF 1:400-1:1600 |
| Isotype: IgG2b | MW calculé 33 aa, 7 kDa | |
| Immunogen Catalog Number: AG0775 | MW observés: 35 kDa | |

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HepG2, cellules NCI-H1299, cellules Raji, cellules SKOV-3, cellules U2OS

IHC : tissu de tumeur ovarienne humain,

IF : cellules HeLa,

Informations générales

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.

Publications notables

| Autrice | Pubmed ID | Journal | Application |
|---------------------|-----------|---------------------------|-------------|
| Junlu Tong | 36325432 | Diabetes Metab Syndr Obes | WB,IHC,IF |
| Koki Yanazawa | 34721976 | PeerJ | WB,IF |
| Patrizia Carrarelli | 26086422 | Fertil Steril | IF |

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,1 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

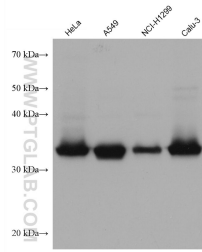
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

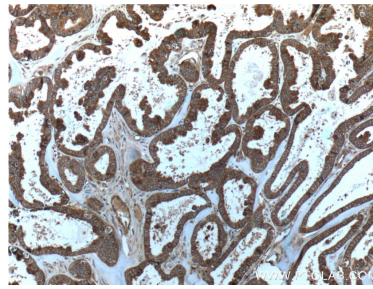
E: proteintech@ptglab.com
W: ptglab.com

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

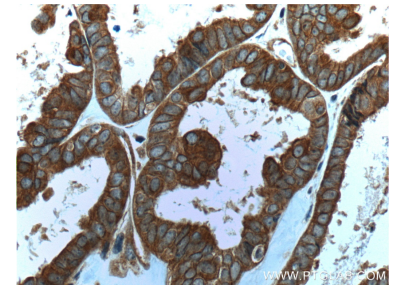
Données de validation sélectionnées



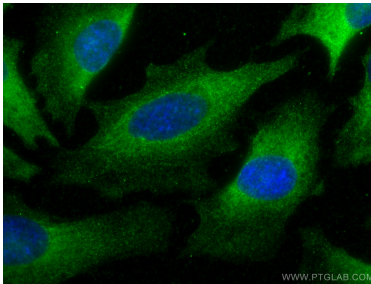
HeLa cells were subjected to SDS PAGE followed by western blot with 60060-1-Ig (Follistatin antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60060-1-Ig (Follistatin antibody at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 60060-1-Ig (Follistatin antibody at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Follistatin antibody (60060-1-Ig, Clone: 4E9B10) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).