

À des fins de recherche uniquement

Anticorps Monoclonal anti-SOCS3

Numéro de catalogue: 66797-1-Ig

Phare

12 Publications



Informations de base

Numéro de catalogue: 66797-1-Ig	Numéro d'acquisition GenBank: BC060858	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 9021	CloneNo.: 1G2B12
Hôte: Mouse	Nom complet: suppressor of cytokine signaling 3	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:250-1:1000 IF 1:400-1:1600
Isotype: IgG1	MW calculé: 25 kDa	
Immunogen Catalog Number: AG5386	MW observés: 25 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, IP, 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 Daudi, cellules HeLa, cellules Jurkat, cellules Ramos, tissu splénique de porc

IHC : tissu de cancer du sein humain, tissu cardiaque de souris

IF : tissu cardiaque de souris,

Informations générales

Suppressor of cytokine signaling 3 (SOCS3) is a member of SOCS family that these proteins induced to attenuate cytokine signal transduction in response to signals from a diverse range of cytokines and growth factors. SOCS3 is a negative regulatory protein that inhibits signaling induced by IL-6 via preventing JAK mediated activation of STAT3. However SOCS3 can positively regulate the ERK-MAPK pathway, inhibit the NF-κB pathway (PMID:26429311,25035930). In addition, SOCS3 brings a great impact on immune responses by inhibiting signaling stimulus, such as LPS, type I and type II IFNs, and IL-12. SOCS3 is widely expressed in heart, placenta, skeletal muscle, peripheral blood leukocytes, fetal and adult lung, and fetal liver and kidney (PMID: 22961088). Dysregulation of SOCS3 functions can cause a variety of diseases, including allergy, autoimmune diseases, inflammation and cancer (PMID:26429311).

Publications notables

Autrice	Pubmed ID	Journal	Application
Agueda Ferrer-Donato	34638645	Int J Mol Sci	WB
Goutham Venkata Naga Davuluri	34552935	Front Cell Dev Biol	WB
Yishu Xue	34760922	Front Mol Biosci	IHC,WB

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % 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.

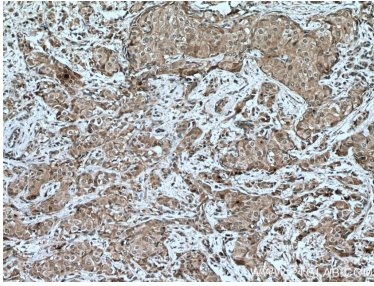
For technical support and original validation data for this product please contact:

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

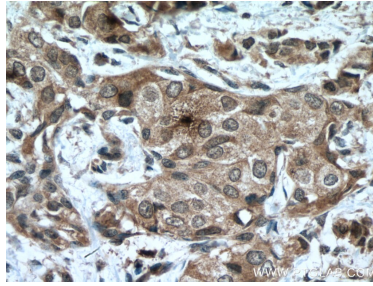
E: proteintech@ptglab.com
W: ptglab.com

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

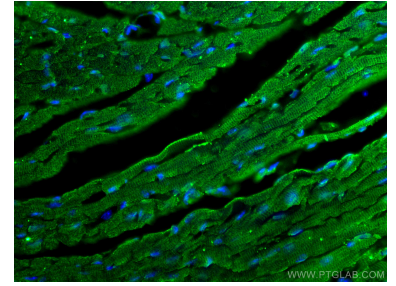
Données de validation sélectionnées



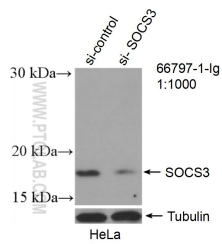
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66797-1-Ig (SOCS3 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



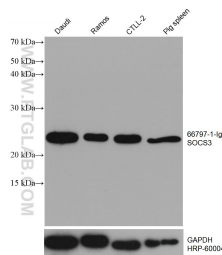
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66797-1-Ig (SOCS3 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using SOCS3 antibody (66797-1-Ig, Clone: 1G2B12) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



WB result of SOCS3 antibody (66797-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-SOCS3 transfected HeLa cells.



Various lysates were subjected to SDS PAGE followed by western blot with 66797-1-Ig (SOCS3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.