

À des fins de recherche uniquement

Anticorps Monoclonal anti-STAT4

Numéro de catalogue: 67568-2-Ig



Informations de base

Numéro de catalogue: 67568-2-Ig	Numéro d'acquisition GenBank: BC031212	Méthode de purification: Purification par protéine G
Taille: 150ul, Concentration: 3264 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6775	CloneNo.: 4A8C9
Hôte: Mouse	Nom complet: signal transducer and activator of transcription 4	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:250-1:1000 IF 1:50-1:500
Isotype: IgG1	MW calculé 748 aa, 86 kDa	
Immunogen Catalog Number: AG19545	MW observés: 86 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules HeLa, cellules 4T1, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules MOLT-4, cellules NIH/3T3

IHC : tissu de cancer du sein humain, tissu de cancer du col de l'utérus humain

IF : cellules HepG2,

Informations générales

The JAK/STAT pathway is an extensive signaling pathway downstream of cytokine receptors. STATs are cytosolic proteins with a common structure consisting of an N-terminal oligomerization domain, which favors formation of STAT dimers, followed by a DNA-binding domain and a C-terminal SRC homology-2 (SH2) domain, which is involved in association between STATs and receptors[PMID:22383755]. Signal Transducer and Activator of Transcription 4 (STAT4) is a transcription factor that is activated by IL-12 signaling and promotes Th1-cell differentiation and IFN- γ production [PMID:21998209].

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.

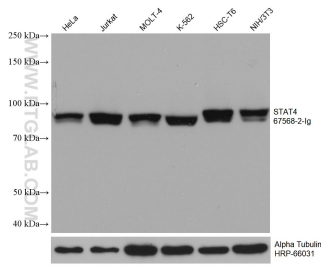
For technical support and original validation data for this product please contact:

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

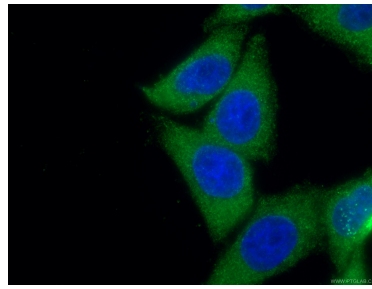
E: proteintech@ptglab.com
W: ptglab.com

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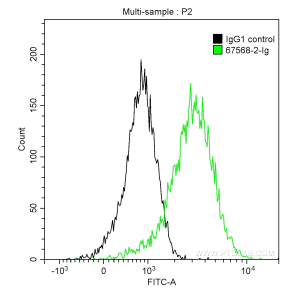
Données de validation sélectionnées



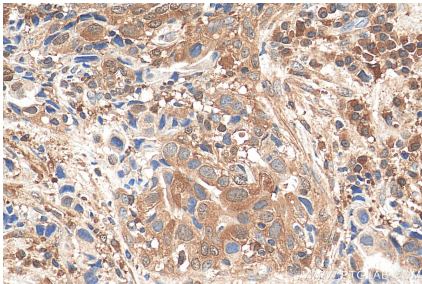
Various lysates were subjected to SDS PAGE followed by western blot with 67568-2-Ig (STAT4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.



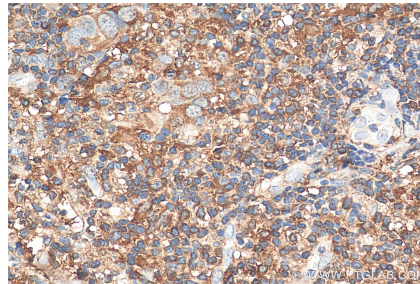
Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 67568-2-Ig (STAT4 antibody), at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human STAT4 (67568-2-Ig, Clone:4A8C9) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (green), and 0.2 ug Mouse IgG1 Isotype Control (66360-1-Ig, Clone: T1F8D3F10) (black). Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 67568-2-Ig (STAT4 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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