

À des fins de recherche uniquement

Anticorps Monoclonal anti-STAT5A

Numéro de catalogue: 66459-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66459-1-Ig	Numéro d'acquisition GenBank: BC027036	Méthode de purification: Purification par protéine A
Taille: 150ul , Concentration: 2000 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 6776	CloneNo.: 1F10F6
Hôte: Mouse	Nom complet: signal transducer and activator of transcription 5A	Dilutions recommandées: WB 1:2000-1:16000 IF 1:200-1:800
Isotype: IgG2a	MW calculé 794 aa, 92 kDa	
Immunogen Catalog Number: AG19546	MW observés: 95 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs:
Demands citées: WB	WB : cellules RAW 264.7, cellules U-937, tissu splénique de porc, tissu splénique de rat
Spécificité de l'espèce: Humain, porc, rat, souris	IF : cellules HepG2,
Espèces citées: Humain	

Informations générales

STAT5A, also named as STAT5, belongs to the transcription factor STAT family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. STAT5A is activated by, and mediates the responses of many cell ligands, such as IL2, IL3, IL7 GM-CSF, erythropoietin, thrombopoietin, and different GHs. Activation of STAT5A in myeloma and lymphoma associated with a TEL/JAK2 gene fusion is independent of cell stimulus and has been shown to be essential for the tumorigenesis. The mouse counterpart of human STAT5A is found to induce the expression of BCL2L1/BCL-X(L), which suggests the antiapoptotic function of STAT5A in cells.

Publications notables

Autrice	Pubmed ID	Journal	Application
Xinyi Jiang	36927693	J Clin Invest	WB

Stockage

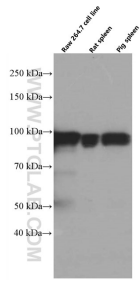
Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

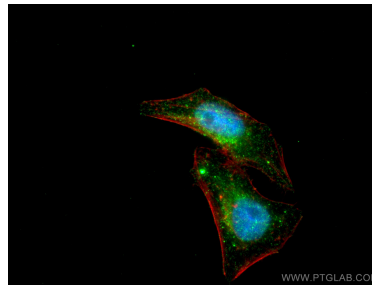
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66459-1-Ig (STAT5A antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using STAT5A antibody (66459-1-Ig, Clone: 1F10F6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).