

À des fins de recherche uniquement

Anticorps Monoclonal anti-BST2

Numéro de catalogue: 66919-1-Ig **1 Publications**



Informations de base

Numéro de catalogue: 66919-1-Ig	Numéro d'acquisition GenBank: BC033873	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 684	CloneNo.: 3C4B5
Hôte: Mouse	Nom complet: bone marrow stromal cell antigen 2	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:250-1:1000
Isotype: IgG2b	MW calculé: 180 aa, 20 kDa	
Immunogen Catalog Number: AG4430	MW observés: 18 kDa, 30-36 kDa	

Applications

Applications testées:
IHC, WB, ELISA

Spécificité de l'espèce:
Humain

Espèces citées:
Humain

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules Jurkat, cellules LO2, cellules THP-1, leucocyte de sang périphérique humain

IHC : tissu hépatique humain,

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.

Informations générales

BST2, also named as CD317 and Tetherin, belongs to the tetherin family. It may be involved in the sorting of secreted proteins and it is involved in pre-B-cell growth. BST2 is an antiretroviral defense protein, that blocks release of retrovirus from the cell surface. Depleted upon HIV-1 infection by viral VPU protein through 20S proteasome degradation. Depleted upon infection by human Kaposi's sarcoma-associated herpesvirus (KSHV) through ubiquitination and subsequent degradation. BST2 may play a role in B-cell activation in rheumatoid arthritis. It is recently identified interferon-induced cellular proteins that restrict infections by retroviruses and filoviruses and of influenza virus and flaviviruses, respectively. BST2 is a plasma membrane proteins, tetherin inhibits virion particle release from infected cells. BST2 is effective against retroviruses and flavoviruses whilst FITMs disrupt influenza and flavivirus infection. Observed MW of BST2 is 30-36 kDa (PMID: 19196977; 21237475).

Publications notables

Autrice	Pubmed ID	Journal	Application
Yukihiro Hirata	35044867	Mol Biol Cell	

Stockage

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

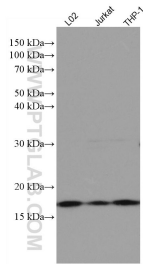
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

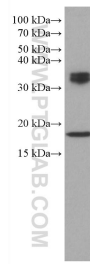
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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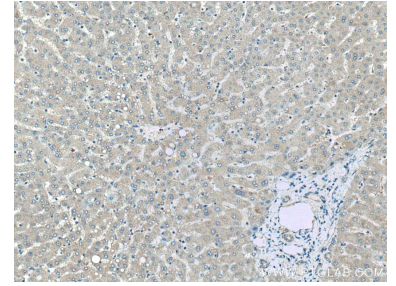
Données de validation sélectionnées



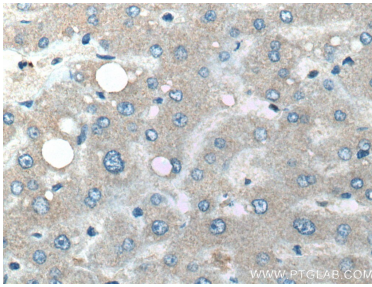
Various lysates were subjected to SDS PAGE followed by western blot with 66919-1-Ig (BST2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



HeLa cells were subjected to SDS PAGE followed by western blot with 66919-1-Ig (BST2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66919-1-Ig (BST2 antibody) at dilution of 1:500 (under 10x lens) Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66919-1-Ig (BST2 antibody) at dilution of 1:500 (under 40x lens) Heat mediated antigen retrieved with Sodium Citrate buffer (pH 6.0).