

À des fins de recherche uniquement

Anticorps Monoclonal anti-S100 Beta



Numéro de catalogue: 66616-1-Ig

12 Publications

Informations de base

Numéro de catalogue: 66616-1-Ig	Numéro d'acquisition GenBank: BC001766	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6285	CloneNo.: 1G10F4
Hôte: Mouse	Nom complet: S100 calcium binding protein B	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:50-1:500 IF 1:200-1:800
Isotype: IgG1	MW calculé 11 kDa	
Immunogen Catalog Number: AG7440	MW observés: 11 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, porc, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu cérébral de rat, cellules C6, tissu cérébral de porc

IHC : tissu de mélanome malin humain, tissu cérébral de rat, tissu cérébral de souris, tissu d'appendicite humain

IF : tissu cérébral de rat,

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

S100B is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs and has been implicated in the regulation of cellular activities such as metabolism, motility and proliferation. In the nervous system, S100B is constitutively released by astrocytes into the extracellular space and at nanomolar concentrations, it can promote neurite outgrowth and protect neurons against oxidative stress. Within the central nervous system (CNS), S100B is thought to be a marker for astroglial activation, linking astrocyte dysfunction to schizophrenia. In addition to astrocytes, S100B is released from many cell types, such as, adipocytes, chondrocytes, cardiomyocytes and lymphocytes. Serum S100B represents a new biomarker for mood disorders.

Publications notables

Autrice	Pubmed ID	Journal	Application
Vedad Delic	36435806	Acta Neuropathol Commun	WB
Zhaoyang Wu	36370841	Exp Neurol	IF
Zhigang Wang	34118692	Transl Oncol	IF

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.

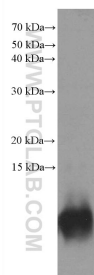
For technical support and original validation data for this product please contact:

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

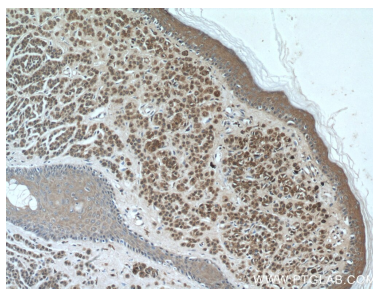
E: proteintech@ptglab.com
W: ptglab.com

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

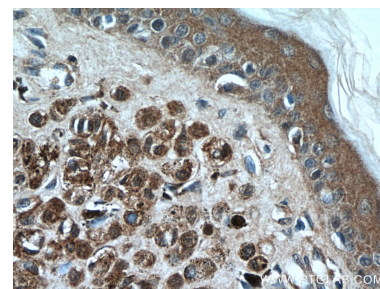
Données de validation sélectionnées



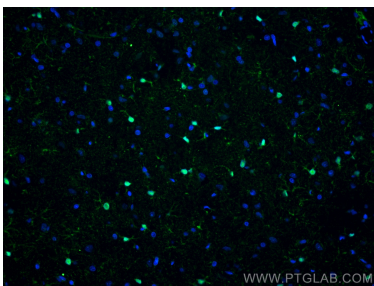
rat brain tissue were subjected to SDS PAGE followed by western blot with 66616-1-Ig (S100B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66616-1-Ig (S100B antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66616-1-Ig (S100B antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using S100 Beta antibody (66616-1-Ig, Clone: 1G10F4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).