

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-S100 Beta



Numéro de catalogue: **CL488-15146**

Informations de base

Numéro de catalogue:	CL488-15146	Numéro d'acquisition GenBank:	BC001766	Méthode de purification:	Purification par affinité contre l'antigène
Taille:	100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI):	6285	Dilutions recommandées:	IF 1:50-1:500
Hôte:	Lapin	Nom complet:	S100 calcium binding protein B	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
Isotype:	IgG	MW calculé	11 kDa		
Immunogen Catalog Number:	AG7440	MW observés:	11 kDa		

Applications

Applications testées:	FC (Intra), IF	Contrôles positifs:	IF : tissu cérébral de souris,
Spécificité de l'espèce:	Humain, rat, souris		

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.

Stockage

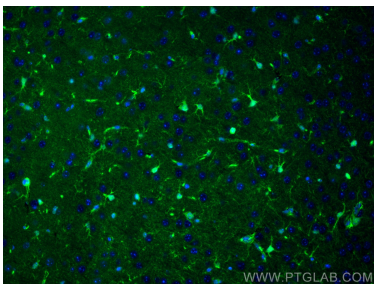
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

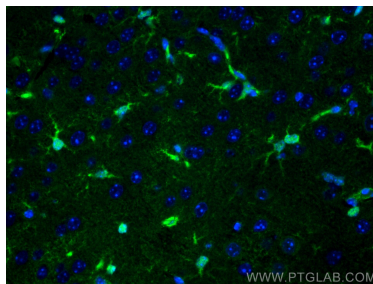
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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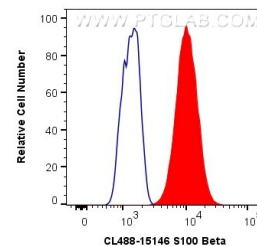
Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 S100 Beta antibody (CL488-15146) at dilution of 1:100.



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1X10⁶ A375 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human S100 Beta (CL488-15146) (red), or 0.4 ug CoraLite® 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).