

À des fins de recherche uniquement

Anticorps Monoclonal anti-BDNF

Numéro de catalogue: CL594-66292



Informations de base

Numéro de catalogue: CL594-66292	Numéro d'acquisition GenBank: BC029795	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 2000 µg/ml by Nanodrop;	Identification du gène (NCBI): 627	CloneNo.: 1E5C5
Hôte: Mouse	Nom complet: brain-derived neurotrophic factor	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 247 aa, 28 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG11329	MW observés: 32 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : cellules PC-12,
Spécificité de l'espèce: Humain	

Informations générales

BDNF is a member of the family of neurotrophic factors. It was first explored and purified from pig brain in 1982, and other members of the neurotrophin family were successively discovered. BDNF is induced by cortical neurons, and is necessary for survival of striatal neurons in the brain. Expression of BDNF is reduced in both Alzheimer's and Huntington disease patients. It participates in axonal growth, pathfinding and in the modulation of dendritic growth and morphology. It also plays a role in the regulation of stress response and in the biology of mood disorders. The BDNF gene is rather complex in its structure and it can express four different mRNA isoforms by alternative splicing, producing 28-37 kDa proteins.

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.**

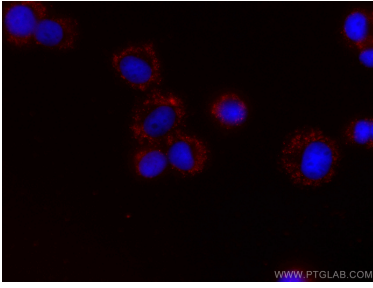
For technical support and original validation data for this product please contact:

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 (-20°C Ethanol) fixed PC-12 cells using CL594-66292 (BDNF antibody) at dilution of 1:100.