

À des fins de recherche uniquement

# Anticorps Monoclonal anti-BDNF

Numéro de catalogue: CL488-66292



## Informations de base

|                                                              |                                                   |                                                               |
|--------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------------------|
| Numéro de catalogue:<br>CL488-66292                          | Numéro d'acquisition GenBank:<br>BC029795         | Méthode de purification:<br>Purification par protéine A       |
| Taille:<br>100ul , Concentration: 1000 µg/ml by<br>Nanodrop; | Identification du gène (NCBI):<br>627             | CloneNo.:<br>1E5C5                                            |
| Hôte:<br>Mouse                                               | Nom complet:<br>brain-derived neurotrophic factor | Dilutions recommandées:<br>IF 1:50-1:500                      |
| Isotype:<br>IgG2a                                            | MW calculé<br>247 aa, 28 kDa                      | Excitation/Emission maxima<br>wavelengths:<br>493 nm / 522 nm |
| Immunogen Catalog Number:<br>AG11329                         | MW observés:<br>32 kDa                            |                                                               |

## Applications

|                                    |                                             |
|------------------------------------|---------------------------------------------|
| Applications testées:<br>IF        | Contrôles positifs:<br>IF : cellules PC-12, |
| Spécificité de l'espèce:<br>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.**

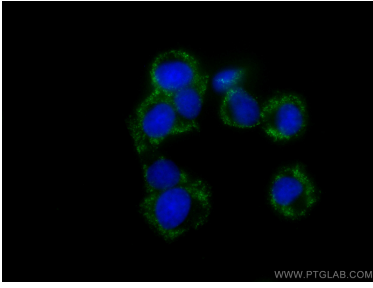
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## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-12 cells using CL488-66292 (BDNF antibody) at dilution of 1:100.