

Nur für Forschungszwecke

BDNF Monoklonaler Antikörper

Katalog-Nr.:CL488-66292



Allgemeine Informationen

Katalog-Nr.: CL488-66292	GenBank-Zugangsnummer: BC029795	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von627 Nanodrop;	GeneID (NCBI): brain-derived neurotrophic factor	CloneNo.: 1E5C5
Wirt: Maus	Vollständiger Name: brain-derived neurotrophic factor	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a	Berechnete Masse: 247 aa, 28 kDa	Anregungs-/Emissionsmaxima-Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG11329	Beobachtete Masse: 32 kDa	

Anwendungen

Geprüfte Anwendungen: IF	Positivkontrollen: IF : PC-12-Zellen,
Getestete Reaktivität: Human	

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

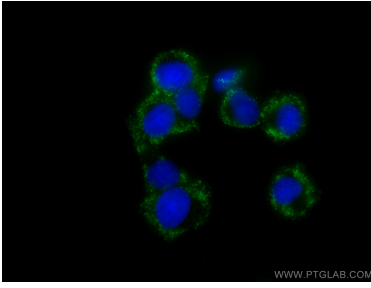
For technical support and original validation data for this product please contact:

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

Ausgewählte Validierungsdaten



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