

Anti-Brain-derived neurotrophic factor (BDNF) Antibody



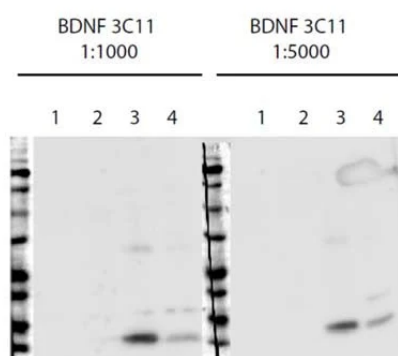
Product Details

Available Variants	2 x 50 µg (SKU:M-1736-100) 50 µg (SKU:M-1736-50)
Conjugate	Unconjugated
Isotype	IgG
Clone	3C11
Host Species	Mouse
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from a solution containing PBS pH 7.4, 3% trehalose, with 0.1% sodium azide.
Production Notes	Protein G purified mouse IgG.
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 0.2-2 µg/mL IHC: 2-20 µg/mL ICC: 2-20 µg/mL ELISA: 50-100 ng/mL
Species Reactivity	Human, Mouse, Rat
Immunogen	Recombinant human mature BDNF expressed in E.coli
Specificity	Detects human, mouse, rat, guinea pig BDNF. Expected to detect BDNF from other species due to sequence homology.
Storage	Spin vial briefly before opening. Reconstitute each vial with 50 µL sterile-filtered, ultrapure water to obtain a concentration of 1 mg/mL. Centrifuge to remove any insoluble material. Store lyophilized antibody at -20°C to -80°C protected from moisture. After reconstitution divide antibody into useful aliquots

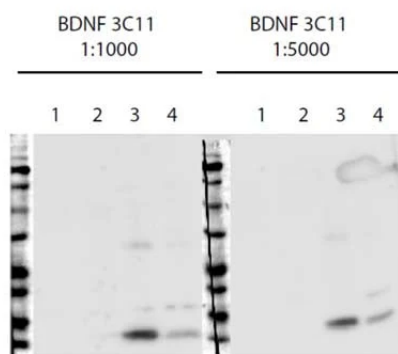
and keep aliquots at -20°C to -80°C for a higher stability. Working aliquots can be kept at 2-8°C for up to 1 month. Avoid repetitive freeze/thaw cycles.

UniProt ID	<u>P23560</u>
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).
Usage Statement	For research use only.

Product Images



Western blot analysis of rat astrocyte culture (Lanes 1 and 2) and rat hippocampal neuron culture lysate (Lanes 3 and 4) at two different antibody concentrations (1 µg/mL and 0.2 µg/mL). Photo courtesy of Koppel and Timmusk (Tallinn Technical University, Institute of Gene Technology).



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