

## Product Datasheet

### BDNF Antibody (C-term) (orb1928713)

<b>Catalog Number</b>	orb1928713
<b>Category</b>	Antibodies
<b>Description</b>	Purified Rabbit Polyclonal Antibody (Pab)
<b>Target</b>	BDNF {ECO:0000303 PubMed:28397838, ECO:0000312 HGNC:HGNC:1033}
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Equine, Mouse, Porcine, Rat
<b>Form/Appearance</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
<b>Immunogen</b>	This BDNF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 206-236 amino acids from the C-terminal region of human BDNF. Antigen Region: 206-236 aa.
<b>UniProt ID</b>	<b>P23560</b>
<b>MW</b>	27818 Da
<b>Tested applications</b>	FC, IF, WB
<b>Dilution range</b>	IF - 1:10-50, WB - 1:1000, FC - 1:10-50

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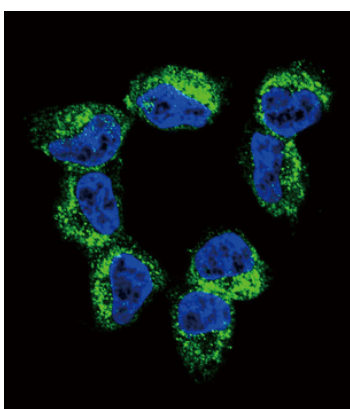
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**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles

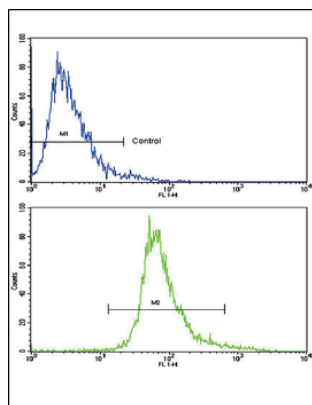
**Note** For research use only

**NCBI** [NP\\_001137279.1](#), [NP\\_733928.1](#), [NP\\_001137284.1](#), [NP\\_001700.2](#), [NP\\_001137283.1](#), [NP\\_001137282.1](#), [NP\\_001137280.1](#), [NP\\_001137278.1](#), [NP\\_001137281.1](#), [NP\\_001137285.1](#), [NP\\_001137286.1](#), [NP\\_733927.1](#), [NP\\_001137288.1](#), [NP\\_001137277.1](#)

**Expiration Date** 12 months from date of receipt.



Confocal immunofluorescent analysis of BDNF Antibody (C-term) with NCI-H460 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Flow cytometric analysis of CEM cells using BDNF Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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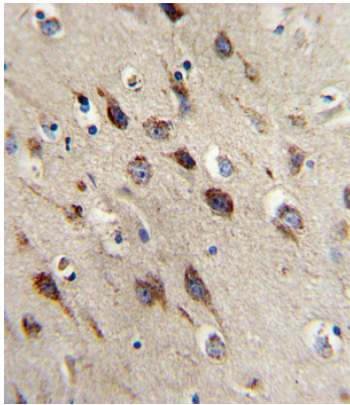
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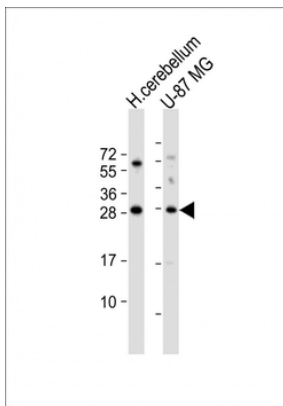
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Formalin-fixed and paraffin-embedded human brain reacted with BDNF Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



All lanes: Anti-BDNF Antibody (C-term) at 1:1000 dilution. Lane 1: human cerebellum lysate. Lane 2: U-87 MG whole cell lysate. Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 28 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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