

Anti-BDNF Antibody

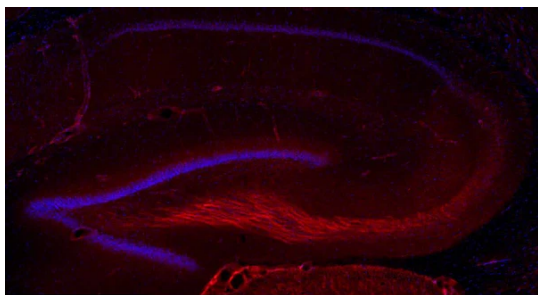


Product Details

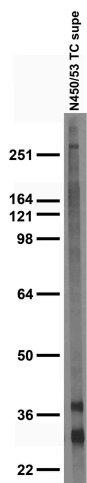
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|---------------------------|---|
| Available Variants | 100 µL (SKU:75-470) |
| Conjugate | Unconjugated |
| Isotype | IgG2b |
| Clone | N450/53 |
| Gene Name | Bdnf |
| Host Species | Mouse |
| Concentration | 1 mg/mL |
| Format | Purified by Protein A chromatography |
| Physical State | Liquid |
| Buffer | 10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125 |
| Production Notes | Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody. |
| Applications | ELISA, IHC, WB |
| Species Reactivity | Mouse, Rat |
| Immunogen | Fusion protein amino acids 1-249 (full length) of mouse BDNF (accession number P21237) produced recombinantly in E. Coli |
| Specificity | No cross-reactivity reported |
| Molecular Weight | 25-40 kDa |
| Quality Control | Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band. |

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| Storage | Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap. |
| Antibody Registry ID | AB_2722670 |
| UniProt ID | <u>P21237</u> |
| Country of Origin | United States |
| Shipping | Shipped on ice packs |
| Expiration | 24 months from date of receipt |
| Usage Statement | These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans. |

Product Images



Immunofluorescence labeling of adult rat hippocampus with N450/53 TC supe (red) and Hoechst nuclear stain (blue).



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Created on 11. July 2026 | All information without guarantee