

# KD-Validated Anti-Brain derived neurotrophic factor Rabbit

Rabbit monoclonal antibody

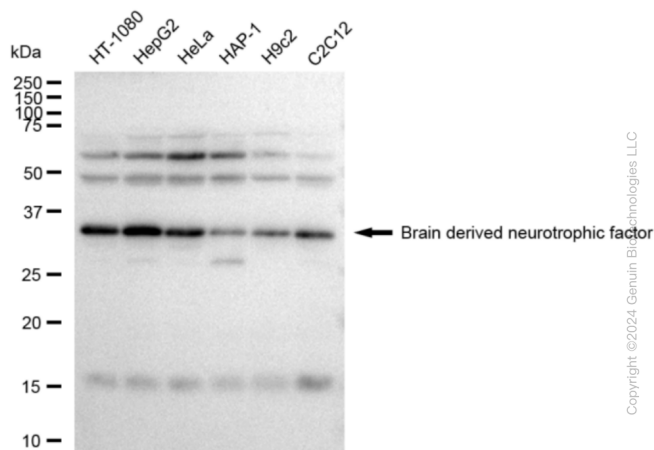
ABG2360

## Product Overview

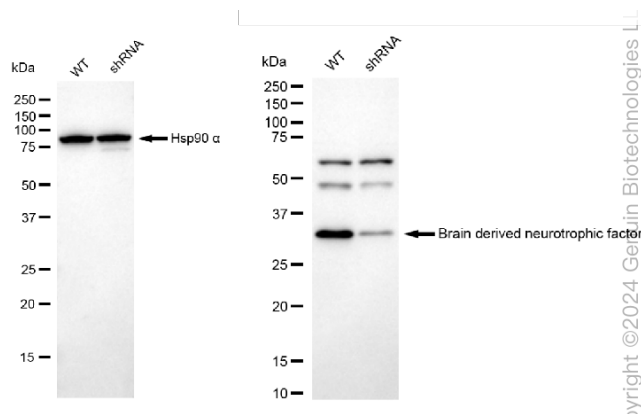
|                             |                                                                                                        |
|-----------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Brain derived neurotrophic factor Rabbit Monoclonal Antibody                         |
| <b>Accession(Primary)</b>   | P23560                                                                                                 |
| <b>Host Species</b>         | Rabbit                                                                                                 |
| <b>Clonality</b>            | Monoclonal                                                                                             |
| <b>Isotype</b>              | Rabbit IgG                                                                                             |
| <b>Immunogen</b>            | A synthesized peptide derived from human BDNF                                                          |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                                                      |
| <b>Calculated MW</b>        | Predicted, 28 kDa , observed, 28 kDa                                                                   |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.                              |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000 |

## Target information (P23560)

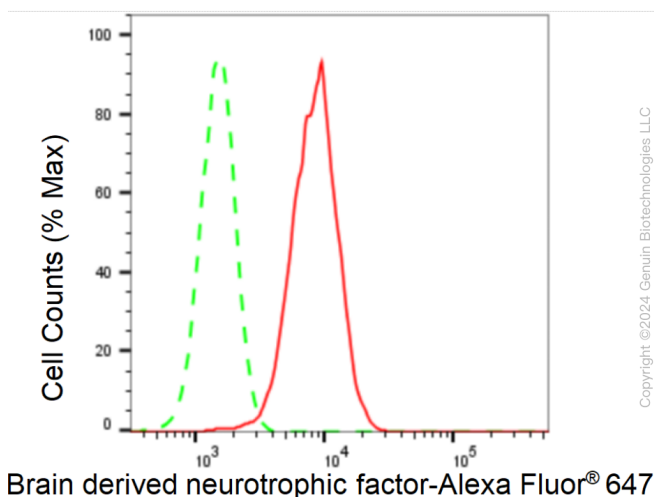
|                          |                                                                                                                                                                                                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | BDNF                                                                                                                                                                                                                                                                                                                      |
| <b>About Gene Symbol</b> | BDNF (Brain Derived Neurotrophic Factor) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



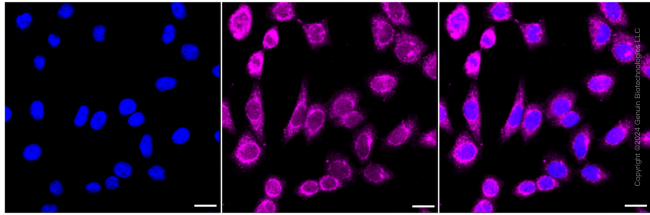
Copyright ©2024 Genuin Biotechnologies LLC



Copyright ©2024 Genuin Biotechnologies LLC



Copyright ©2024 Genuin Biotechnologies LLC



Immunocytochemical staining of HepG2 cells with Brain derived neurotrophic factor antibody (Cat#ABG2360, 1:1,000). Nuclei were stained blue with DAPI; Brain derived neurotrophic factor was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.