

Anti-Phospho-TrkA/B (Tyr490/Tyr516) Rabbit Monoclonal Antibody



Catalog #: 3193

Aliases

NTRK1; Neurotrophic Receptor Tyrosine Kinase 1; TRKA; TRK; MTC; High Affinity Nerve Growth Factor Receptor; Neurotrophic Tyrosine Kinase, Receptor, Type 1; TRK1-Transforming Tyrosine Kinase Protein; Tropomyosin Receptor Kinase A; Tropomyosin-Related Kinase A; Tyrosine Kinase Receptor A; EC 2.7.10.1; P140-TrkA; Gp140trk; Trk-A; Neurotrophic Tyrosine Kinase Receptor Type 1; Tyrosine Kinase Receptor; Oncogene TRK; EC 2.7.10; TRK1; NTRK2; Neurotrophic Receptor Tyrosine Kinase 2; TRKB; BDNF/NT-3 Growth Factors Receptor; Neurotrophic Tyrosine Kinase Receptor Type 2; Tropomyosin-Related Kinase B; EC 2.7.10.1; GP145-TrkB; Trk-B; Neurotrophic Tyrosine Kinase, Receptor, Type 2; BDNF-Tropomyosine Receptor Kinase B; Tyrosine Kinase Receptor B; TrkB Tyrosine Kinase; EC 2.7.10; EIEE58 ; DEE58; OBHD

Background

Gene Name: NTRK1/2

NCBI Gene Entry: [4914/4915](#)

UniProt Entry: [P04629/Q16620](#)

Application Information

Molecular Weight: Predicted, 92 kDa; observed, 180 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB4455

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), immunocytochemistry (IC), flow cytometry (FCM)

Immunogen

A synthesized peptide derived from human Phospho-TrkA/B (Tyr490/Tyr516)

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

SUPPORT

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Recommended Dilutions

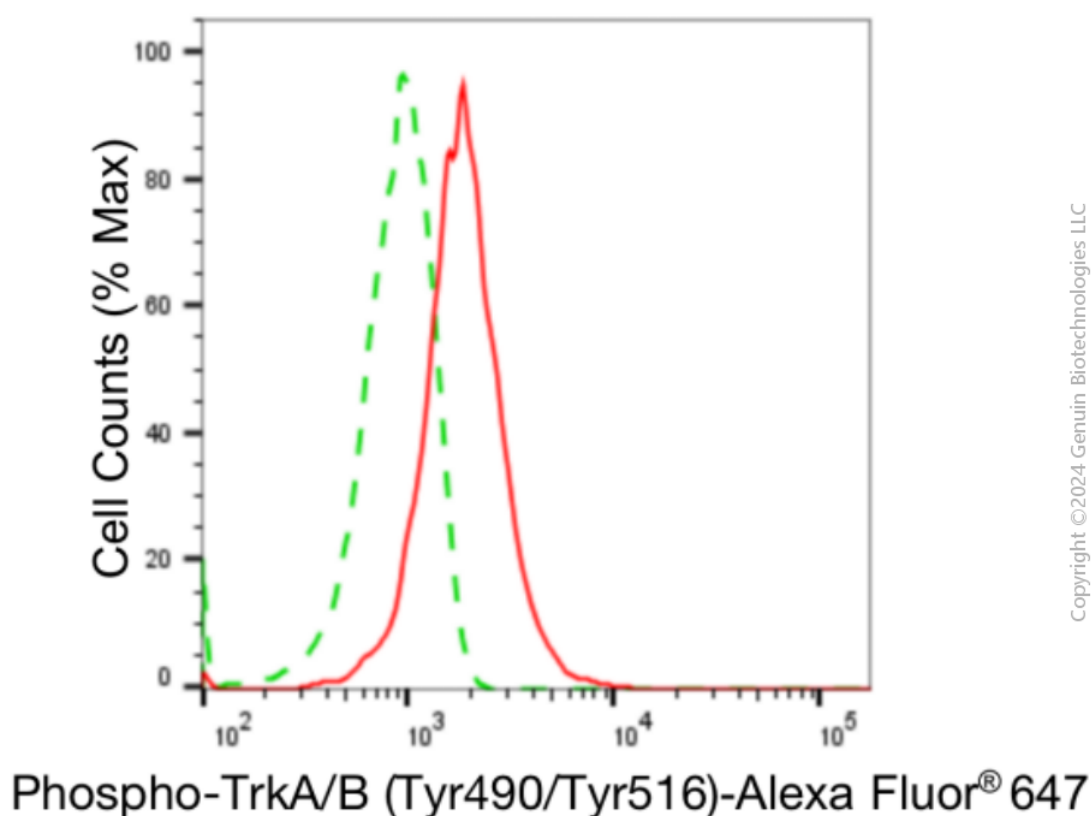
Western Blotting (WB): 1:1,000-1:5,000

Immunocytochemistry (IC): 1:100-1:1,000

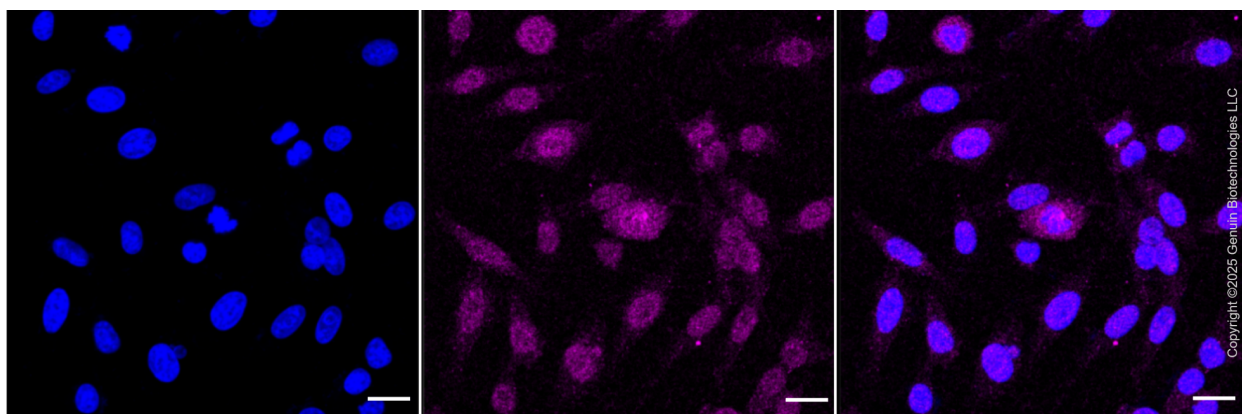
Flow Cytometry (FCM): 1:2,000

Note: This product is for research use only.

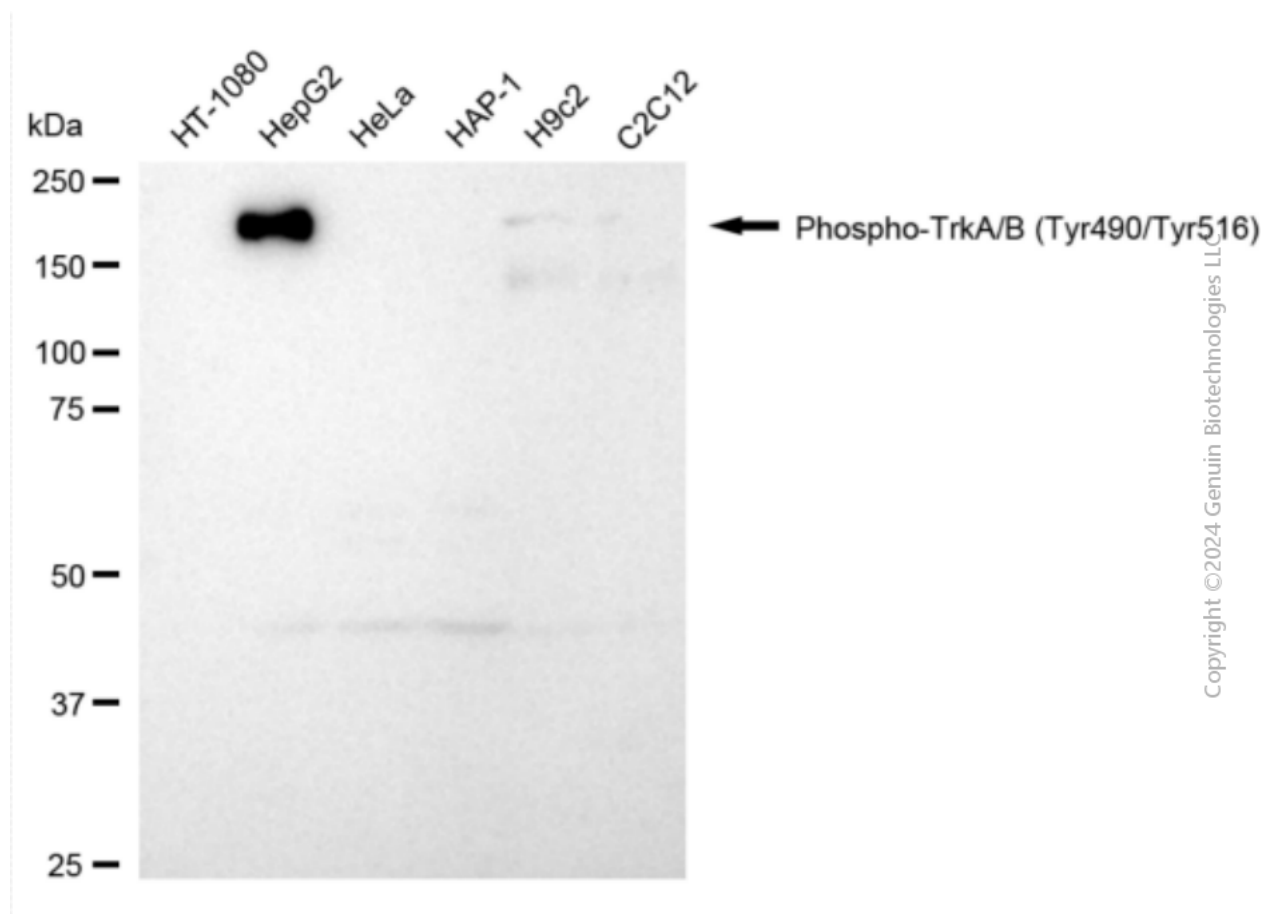
Validation Data



Flow cytometric analysis of Phospho-TrkA/B (Tyr490/Tyr516) expression in HepG2 cells using anti-Phospho-TrkA/B (Tyr490/Tyr516) antibody (Cat#3193, 1:2,000). Green, isotype control; red, Phospho-TrkA/B (Tyr490/Tyr516).



Immunocytochemical staining of HepG2 cells with anti-phospho-TrkA/B (Tyr490/Tyr516) antibody (Cat#3193, 1:1,000). Nuclei were stained blue with DAPI; Phospho-TrkA/B (Tyr490/Tyr516) 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 μ m.



Western blotting analysis using anti-phospho-TrkA/B (Tyr490/Tyr516) antibody (Cat#3193). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-phospho-TrkA/B (Tyr490/Tyr516) antibody (Cat#3193, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was

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developed using NaQ™ ECL Substrate Kit (Cat#716).

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