

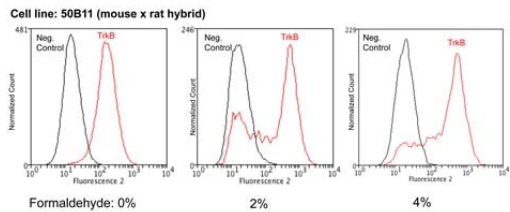
Anti-Tyrosine Kinase Receptor B (TrkB) Antibody



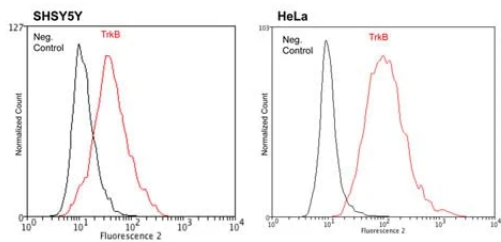
Product Details

Available Variants	100 µg (SKU:M-1836-100)
Conjugate	Unconjugated
Clone	BS379
Host Species	Mouse
Format	IgG
Physical State	Lyophilized
Buffer	Lyophilized from PBS, pH 7.2-7.6 with 0.1% trehalose.
Production Notes	Protein G purified
Applications	Flow
Species Reactivity	Human, Mouse, Rat
Immunogen	Synthetic peptide immunogen, ESSKNIPLANLQ. Extracellular domain of TrkB (amino acids 179-190 of human TrkB).
Specificity	TrkB; detects TrkB in both human, mouse and rat samples by Flow cytometry.
Storage	Spin vial briefly before opening. Reconstitute in 100 uL sterile-filtered, ultrapure water to obtain an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material. Store lyophilized antibody at 2-8°C. After reconstitution divide into aliquots and store at -20°C for long-term storage. Store at 2-8°C short-term (up to 4 weeks). Avoid repetitive freeze/thaw cycles.
UniProt ID	Q16620
Country of Origin	United States
Shipping	25°C (ambient)
Expiration	12 months after date of receipt (unopened vial).

Product Images



TrkB expression (red) in 50B11 mouse x rat hybrid cell line analysed by **Flow Cytometry**. Fixation: 0 ,2 and 4% formaldehyde in PBS, pH 7.2-7.6 on ice (10 minutes). Blocking: 100 µg/mL normal sheep IgG in PBS (30 minutes) on ice. Primary antibody: TrkB clone BS379 (10 µg/mL) for 60 minutes on ice. Secondary antibody: Goat anti-rabbit PE (1:100 dilution), 30 min in dark on ice. Non-specific control IgG clone X63 (black) was used as negative control under same conditions. Flow cytometry data and results were generated using Orflo Moxiflow™ instrument and protocols.



TrkB expression (red) in human SHSY5Y and HeLa cell lines analysed by **Flow Cytometry**. Staining was performed on unfixed cells on ice. Blocking: 100 µg/mL normal sheep IgG in PBS (30 minutes) on ice. Primary antibody: TrkB clone BS379 (10 µg/mL) for 60 minutes on ice. Secondary antibody: Goat anti-rabbit PE (1:100 dilution), 30 min in dark on ice. Non-specific control IgG clone X63 (black) was used as negative control under same conditions. Flow cytometry data and results were generated using Orflo Moxiflow™ instrument and protocols.

