



Cy3-labeled Antibody to Nerve Growth Factor (p75) Receptor, Affinity-Purified RABBIT POLYCLONAL

Catalog Number: AB-N01AP-FL3
Quantity: 50 micrograms
Format: 50% PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), 50% glycerol; no preservative.
Host: Rabbit

Background: The p75 neurotrophin receptor (p75^{NTR}), also known as the low affinity nerve growth factor receptor (NGFR), binds nerve growth factor, brain-derived neurotrophic factor, neurotrophin-3 and neurotrophin-4 with varying specificities. The p75^{NTR} plays an important role in neurotrophic factor signaling and has been shown to modulate the susceptibility of selective cellular populations to programmed cell death.

Specificity & Preparation: This fluorescent conjugate recognizes p75^{NTR} in mouse. It was prepared using affinity-purified rabbit polyclonal antibody conjugated to Cy3 fluorochrome. This product is routinely tested by flow cytometry.

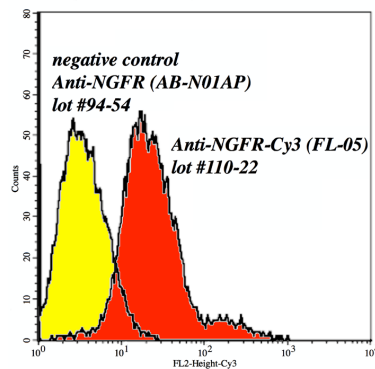
Usage: Applications include flow cytometry (ATS in-house; 4 μ g per 10⁶ cells per 200 μ l).

Storage: Gently spin down material 5-10 seconds in a microfuge before use. The material can be handled safely using normal laboratory precautions. Store the antibody at -20°C for up to one year.



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NG6 cells, a rat-mouse hybrid neuroblastoma cell line, were incubated with Cy3-labeled anti-NGFR antibody. 4 μ g of antibody resulted in a 70% shift compared to unlabeled cells.