



10451 ROSELLE STREET, #300, SAN DIEGO, CA 92121
TELEPHONE (858) 642-1988 • FAX (858) 642-1989
WWW.ATSBIO.COM • ATS@ATSBIO.COM

**Alexa488-labeled Anti-murine NGFr
FLUORESCENT CONJUGATE**

Catalog Number: FL-09
Quantity: 25 micrograms, 100 micrograms
Format: PBS (0.14 M Sodium Chloride; 0.003 M Potassium Chloride; 0.002 M Potassium Phosphate; 0.01 M Sodium Phosphate; pH 7.4), no preservative.
Host: Rabbit

Background:

The p75 neurotrophin receptor (p75^{NTR}), also known as the low affinity nerve growth factor receptor, 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.

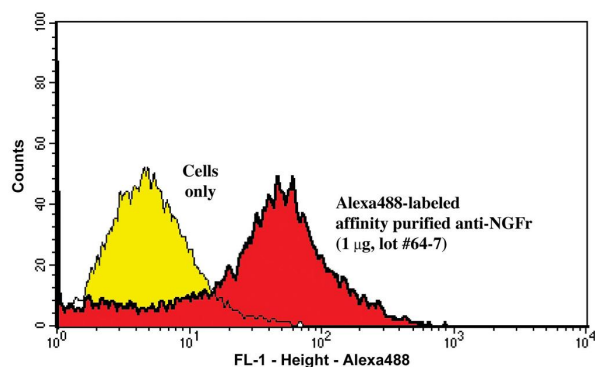
Specificity and Preparation:

This antibody recognizes p75^{NTR} in mouse. It was prepared using affinity-purified rabbit polyclonal antibody to nerve growth factor (p75) receptor conjugated to Alexa 488. This product is routinely tested by flow cytometry.

Usage and Storage:

Applications include flow cytometry (ATS in-house; 1 μ g/10⁶ cells per 200 μ l). Store at 4°C. DO NOT STORE FROZEN. The material may display diminished activity as a result of repeated freezing and thawing. Gently spin down material before use; 5-10 seconds in a microfuge should be adequate. The material can be handled safely using normal laboratory precautions.

To view protocol(s) for this and other products please visit: www.ATSBio.com/protocols



NG6 cells, a clone of the Rat-Mouse hybrid cell line NG108, were treated with Alexa488-labeled Anti-NGFr, at the dosage listed. Cells were incubated for one hour at 4°C, then washed with PBS/2%FBS. Samples were read on a BD FACScan and data processed with CellQuest software.