

Product datasheet for **AM31842RP-N**

p75 NGF Receptor (NGFR) Mouse Monoclonal Antibody [Clone ID: ME20.4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	ME20.4
Applications:	FC
Recommended Dilution:	Flow Cytometry.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	WM245 melanoma cells
Specificity:	Anti-Neuronal Growth Factor Receptor (NGFR), p75, low affinity receptor. Detects a protein with a molecular weight of 75 kDa.
Formulation:	PBS (20mM), 0.14M NaCl, pH 7.3. containing 0.09% sodium azide (NaN ₃) as preservative and 0.2% gelatin as stabilizer Label: PE State: Liquid purified Ig fraction Label: R - Phycoerythrin
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	nerve growth factor receptor
Database Link:	Entrez Gene 4804 Human P08138
Synonyms:	TNFRSF16



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Note:	<p>Protocol: Flow Cytometry Protocol:</p> <ol style="list-style-type: none">1. Add 10 μl of antibody to 1×10^6 cells.2. Incubate 30 minutes on ice in PBS containing 2-5% BSA.3. Wash via centrifugation.4. Analyze by flow cytometry. <p><u>Positive Control Cell Line:</u> HS294T from ATCC</p> <p>Procedure For General Staining Using Flow Cytometry:(For Non-Adherent Cells):</p> <ol style="list-style-type: none">1. Add 0.3-1.0 μg anti-NGFR FITC or PE in 10 μl to one million cells in 100 μl PBS, 2% BSA.2. Incubate on ice for 30 minutes.3. Add 1.0 ml PBS, BSA and centrifuge for 5 minutes at 500xg to wash cells.4. Suction off PBS, BSA and add 1.0 ml fresh PBS, BSA.5. Analyze by flow cytometry.6. HS294 T-cell line from ATCC can be used for positive control.
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cytokine-cytokine receptor interaction, Neurotrophin signaling pathway