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TECHNICALLY Speaking

Place your order with CEDARLANE® or your local distributor.

Please contact CEDARLANE® for lot specific information.

Purified Mouse Anti-Human p75 NGFR (low affinity receptor)

CL10013AP
Lot:

Description: Purified Mouse anti-Neuronal Growth Factor Receptor (NGFR), p75, low affinity receptor. Detects a protein with a molecular weight of 75 kDa.

Antibody Content: 100 µg

Clone: ME20.4

Immunogen: WM245 melanoma cells

Isotype: Mouse IgG1, k

Formulation: Purified via protein A in 1.0 ml PBS (20mM), 0.14M NaCl, pH 7.3. This product contains 0.1% sodium azide (NaN_3) and 0.2% gelatin.

Applications: Suitable for use in flow cytometry, immunohistochemistry (frozen and paraffin sections), immunoprecipitation, immunofluorescence functional assay (neutralization) and Western Blotting.

Flow Cytometry Protocol:
1. Add 10 µl of antibody to 1 x 10^6 cells.
2. Incubate 30 minutes on ice in PBS containing 2-5% BSA.
3. Wash via centrifugation and add second-step antibody at appropriate dilution.
4. Incubate 20-30 minutes and wash again.
5. Analyze by flow cytometry.

Positive Control Cell Line: HS294T from ATCC

Procedure For General Staining Using Flow Cytometry: (For Non-Adherent Cells):
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.

Continued overleaf…

For more information or to place an order please contact...

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References:

1. Ross, et al., Characterization of nerve growth factor receptor in neural crest tumors using monoclonal antibodies, Proc. Natl. Acad. Sci. 81:6681-6685, 1985.
2. Valtieri, et al., Efficient transfer of Selectable and membrane reporter genes in hematopoietic progenitor and stem cells purified from human peripheral blood., Cancer Research 54: 4398-4404, 1994.
3. Stove, et al. Human Immunodeficiency Virus Nef Induces Rapid Internalization of the T-Cell Coreceptor CD8 . Journal of Virology, 79 (17):11422-11433, 2005.
4. Vissavajjhala, et al. Structural domains of the extracellular domain of human nerve growth factor receptor detected by partial proteolysis. Arch. Biochem. Biophys. 294(1): 244-252, 1992.

FOR RESEARCH USE ONLY

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