



Category:
Monoclonal Antibodies

Cat. #:
V1079

Product Name:
Neurofilaments - Purified

Description:

This antibody reacts with the 70 and 200 kD polypeptides of neurofilament. This antibody recognizes neurons, neuronal processes, and peripheral nerves, as well as, sympathetic ganglion cells and adrenal medulla. Cell body of neurons containing the non-phosphorylated neurofilament is weakly stained.

Immunogen:

Neurofilament from Human Brain

Cellular Localization:

Cytoplasmic

Application:

Immunohistochemistry (Paraffin/Frozen)-1:50-1:100
WB--1:100-1:200

Species Reactivity:

Human, Rabbit, Cat, Mouse, and Rat. Others not tested.

Recommended Positive Control:

Human brain, IMR-5 cells

Presentation:

20 mM Tris-Borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing Fetal Bovine Serum, BMC-6 Carrier Polysaccharides, Carrier Protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. In general, the 0.05M Borate pH 8.0 containing 0.15M Sodium Chloride, 0.05% Sodium Azide, is a good diluent to use with most antibodies.

Staining Procedure:

Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50 to 1:100. The optimal conditions should be determined by the individual laboratory.

Storage:

Store at 2~8°C for short term, freeze under -20°C for long term storage

Size: 0.2mg

Clone: U245 (2F11)

Isotype: IgG1, k

Host: Mouse

Form: Purified

Concentration: IgG approx. 0.5 mg/ml

Units On Hand: YES

References:

1. Kluck, P., et al., Lancet, ii(March):652-654, 1984.
2. Van Muijen, G.N.P., et al., Human Pathol., 16:590-595, 1985.
3. Osborn, M., et al., Am J. Pathol., 122:433-42, 1986.

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com