

Human Neurofilament, clone 2F11 Monoclonal Antibody

Catalog No.: MON3004-1

Quantity: 1 ml

Specificity

This antibody stains the 70 kD and 200 kD polypeptides of neurofilament. No reactive with small cell lung carcinoma.

Crossreactivity

GFAP: not detectable

Keratin: not detectable

Vimentin: not detectable

Desmin: not detectable

Immunoglobulin type

murine IgG₁

Use

The antibody stains neurons in sections of brain and other tissues. Frozen sections show excellent staining. On sections from formalin fixed and paraffin embedded tissue the staining is somewhat reduced although the result could be improved with a TUF (cat.no. T 10333) pretreatment. Useful for Western blotting.

Instructions for use

For use in staining of paraffin sections the antibody has to be diluted approximately 1:50, the working dilution for frozen sections is approximately 1:160, preferably in phosphate buffered saline. See for useful procedures instructions G, H and I. For Western blotting an dilution of 1:20 is appropriate but lesser amounts of antibody may be sufficient we recommend that the customer determine the optimum amount.

Presentation

1 ml supernatant with approximately 30 µg antibody/ml and 1% FCS and 10 mM sodium azide Sufficient for 100-500 tests. Cat.nr. MON3004-1.

5 ml supernatant with approximately 30 µg antibody/ml and 1% FCS and 10 mM sodium azide Sufficient for 500-2500 tests. Cat.nr. MON3004-5.

Literature

- Klueck, P., et al, 1984, The Lancet, March 24th, 652.
- van Muijen, G.N.P., et al, 1984, Am. J. Pathol. 116, 363.
- van Muijen, G.N.P., et al, 1985, Hum. Pathol. 16, 590.
- Banks-Schlegel, S.P., et al, 1985, Cancer Res. 406, 339.
- Hoefler, H., et al, 1985, Virch. Arch. 406, 339.
- Broers, et al., 1985, Cell Biology, P.N.A.S. 82, 4409-4413.

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