

## 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 IgG<sub>1</sub>

### **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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