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## **Monoclonal Antibody To Human Neurofilaments Specific For Neurofilament Heavy Chain**

Monoclonal antibody NF-01 reacts with the heavy protein of neurofilamental triplets (210kDa). The antibody does not cross-react with other intermediate proteins. It reacts also with porcine neurofilaments.

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**Product Number:** T-1323 (Lot 01AO9906)

**Clone:** NF-01

**Host species, isotype:** Mouse IgG1

**Quantity:** 200µg

**Format:** Diluted ascites, lyophilized

Reconstitute by adding 0.5ml distilled water. This stock solution contains 0.4mg/ml IgG, phosphate buffered saline pH 7.2 (PBS), 10mg/ml bovine serum albumin (BSA) as a stabilizer and 0.1% sodium azide as a preservative.

**Stability:** Original vial: 1 year at 4° - 8°C

Stock solution or aliquots thereof: 1 year at -20°C. Avoid repeated thawing and freezing.

**Applications:** Tested for immunohistochemistry (IHC).

**Approximate working dilution for IHC:**

Frozen sections: 0.2µg/ml (1:2000)

Paraffin sections: 2µg/ml (1:200); pretreatment not necessary.

Optimal dilutions should be determined by the end user.

Suggested positive control: Human cortex.

Please see [www.bma.ch](http://www.bma.ch) for protocols and general information.

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### **Selected references**

Lukas, Z. et al.: Histochemistry **100**, 495 (1993).

For in vitro research only. Caution: this product contains sodium azide, a poisonous and hazardous substance.

T-1323

NF-01

24.3.2006