

Microtubule-associated Proteins, MAP-2a, MAP2b, clone MT-01 Monoclonal Antibody

Catalog No.: MON 5060

Quantity: 100 µg

Specificity

This antibody reacts with MAP-2a and MAP-2b. Antigen: Thermostabile fraction of pig brain microtubules, containing MAP-2 and tau proteins. It crossreacts with human, cat and mouse and probably with many more. The antibody is directed against different antigenic determinant in comparison with MT-02.

Immunoglobulin type

Murine IgG1

Use

The antibody can be used in ELISA, immunohistochemistry and immunoblotting.

Instructions for use

In ELISA reacts with purified pig brain MAP-2. In immunoblotting on microtubule proteins, thermostabile fraction of microtubule proteins and whole brain tissue lysates (pig, mouse) reacts only with MAP-2. No reactivity in immunoblotting on cell lysates from non-neuronal cell lines (HeLa, 3T3). Histochemistry: Suitable for cryosections of human material. Works on samples fixed with methanol/acetone, paraformaldehyde/Triton X-100, even on unfixed material.

Working dilution: For immunoblotting with secondary antibodies labelled by alkaline phosphatase. ascitic fluid 1:1000 and higher. For histochemistry ascitic fluid 1:50 and higher.

Presentation

1 ml diluted ascites in PBS with 0.1% sodium azide. Sufficient for staining of 100 frozen tissue sections. Purification method: ammonium sulphate precipitation.

Literature

- Riederer, B.M., et al., 1994, Cell Biol. Inter. 18: 482a.
- Riederer, B.M., et al., 1995, J. Hystochem. Cytochem. *in press*.

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