

11-472-C100

Monoclonal Antibody to MAP2 Purified Antibody (0.1 mg)

Clone:	MT-07
Isotype:	Mouse IgG1
Specificity:	The antibody MT-07 recognizes an epitope (aa 1375-1395) located in central domain of molecule Microtubule Associated Protein 2ab (MAP2ab).
Regulatory Status:	RUO
Immunogen:	Microtubule protein (bovine brain) enriched for kinesin
Species Reactivity:	Human, Porcine, Mouse
Application:	Immunoprecipitation Positive material: Porcine brain Western Blotting Positive control: Porcine brain Microtubule associated protein 2 (MAP2) Immunohistochemistry (paraffin sections) Recommended dilution: 10 µg/ml Positive tissue: brain Immunohistochemistry (frozen sections) Positive tissue: Mouse brain Immunocytochemistry Positive control: human neuroblastoma SH-SY5Y ELISA Positive control: Porcine brain Microtubule associated protein 2 (MAP2)
Purity:	> 95% (by SDS-PAGE)
Purification:	Purified by protein-A affinity chromatography
Concentration:	1 mg/ml
Storage Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage / Stability:	Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on vial label.
Expiration:	See vial label
Lot Number:	See vial label
Background:	MAP2a and 2b (270 kDa) being found mostly in dendrites, stabilize microtubules (shift the reaction kinetics in addition of new subunits and microtubule growth) and participate in determining the structure of different parts of vertebrate nerve cells.
References:	Unpublished.

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EXBIO Praha | Nad Safinou II 341 | 252 50 Vestec u Prahy | Czech Republic
Tel: +420 261 090 666 | Fax: +420 261 090 660 | orders@exbio.cz | www.exbio.cz