

Cat. No:	MAB-10784
Conjugate:	Unconjugated
Size:	100 ug
Clone:	AP20
Concentration:	1mg/ml
Host:	Ms
Isotype:	IgG1
Immunogen:	Microtubule protein (bovine brain) enriched for kinesin
Reactivity:	Hu, Pr, Ms Immunoprecipitation Positive material: Porcine brain Western Blotting Positive control: Porcine brain Microtubule associated protein 2 (MAP2)
Applications:	Immunohistochemistry (frozen sections) Positive tissue: Mouse brain Immunocytochemistry Positive control: human neuroblastoma SH-SY5Y ELISA Positive control: Porcine brain Microtubule associated protein 2 (MAP2) m
Molecular Weight:	270 kDa
Purification:	Purified
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. The antibody AP20 recognizes an epitope (aa 1375-1395) located in central domain of molecule Microtubule Associated Protein 2ab (MAP2ab).
Form:	Liquid
Buffer:	Phosphate buffered saline (PBS) with 15 mM sodium azide, approx. pH 7.4
Storage:	Store at 2-8oC. Do not use after expiration date stamped on vial label. For long-term storage aliquot and store at -20oC. Avoid freeze/thaw cycles.

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