

MOUSE ANTI-MAP2 MONOCLONAL ANTIBODY

CATALOG NUMBER: MAB364

LOT NUMBER:

QUANTITY: 100 μ L

SPECIFICITY: Shows selective staining of dendritic trees throughout the brain in immunocytochemistry staining of brain tissue. Reacts specifically with all forms of MAP2 (MAP2a ~280 kDa, MAP2b ~280 kDa and MAP2c ~70 kDa) as determined by immunoblot. No cross-reactivity observed to other MAPs or tubulin.

IMMUNOGEN: Rat brain microtubule-associated protein.

ISOTYPE: IgG₁

APPLICATIONS: Immunoblotting at 1:500 using fresh rat brain extract or enriched microtubule protein preparation.
Immunohistochemistry
Optimal working dilution must be determined by the end user.

SPECIES REACTIVITIES: Human, mouse, rat, bovine, chicken and quail tissue/cells.

FORMAT: Ascites fluid.

PRESENTATION: Liquid with 15 mM sodium azide.

STORAGE/HANDLING: Maintain at -20°C in undiluted aliquots for up to 12 months after date of receipt. Avoid repeated freeze/thaw cycles.

REFERENCES:

1. *J. Neuroscience* (1984). **4**:151.
2. *J. Comp. Neurol.* (1988). **271**:44.
3. Cobos, I., et al., *Developmental Biology* (2001) **239**:30-45.
4. Cobos, I., et al., *Developmental Biology* (2001) **239**:46-67.

For research use only; not for use as a diagnostic.

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ l or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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