



APPLICATION NOTES FOR MAB351

IMMUNOHISTOCHEMISTRY

- 1) Perfuse rats with 100 mM phosphate buffer, pH 7.4 containing 1% paraformaldehyde, 0.34% L-lysine and 0.05% m-periodate (1% PLP).
- 2) Postfix brains in 1% PLP for 1-2 hours.
- 3) Transfer brains to 100 mM phosphate buffer containing 30% sucrose and gently agitate on a shaker platform at +4°C for 48-60 hours.
- 4) Using a sliding microtome, cut 30 μ m sections of frozen cerebellum. As the sections are cut, collect them in a vial of cold 100 mM phosphate buffer.
- 5) Incubate sections in PBS containing 1.5% normal serum and 0.2% Triton X-100 for 30 minutes.
- 6) On a shaker platform, incubate sections with MAB351 (diluted 1 μ g/mL in PBS containing 1.5% normal serum and 0.2% Triton X-100) for 12-36 hours at +4°C.
- 7) On a shaker platform, rinse sections eight times, 10-15 minutes per rinse, in PBS.
- 8) Detect with standard secondary antibody detection system (PAP, ABC, etc.).
- 9) Mount sections, dehydrate, and apply coverslips.

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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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

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