

**MOUSE ANTI-NMDAR2A  
MONOCLONAL ANTIBODY**

|                              |                                                                                                                                                                                                                                             |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CATALOG NUMBER:</b>       | MAB5216                                                                                                                                                                                                                                     |
| <b>LOT NUMBER:</b>           |                                                                                                                                                                                                                                             |
| <b>QUANTITY:</b>             | 100 µg                                                                                                                                                                                                                                      |
| <b>CONCENTRATION:</b>        | 1.0 mg/mL                                                                                                                                                                                                                                   |
| <b>SPECIFICITY:</b>          | NMDAR2A                                                                                                                                                                                                                                     |
| <b>IMMUNOGEN:</b>            | Amino acid region 1099-1213 from human NMDAR2A produced as a GST fusion protein.                                                                                                                                                            |
| <b>ISOTYPE:</b>              | IgG <sub>1</sub>                                                                                                                                                                                                                            |
| <b>APPLICATIONS:</b>         | Immunohistochemistry (light and EM) on 4% paraformaldehyde & 0.125% glutaraldehyde fixed tissue: 2.5-5 µg/mL.<br>Immunocytochemistry: 2.5-5.0 µg/mL<br>Western blot: 1-5 µg/mL<br>Optimal working dilutions must be determined by end user. |
| <b>SPECIES REACTIVITIES:</b> | Human and rat.                                                                                                                                                                                                                              |
| <b>FORMAT:</b>               | Affinity purified immunoglobulin.                                                                                                                                                                                                           |
| <b>PRESENTATION:</b>         | Liquid in PBS. Contains no preservative.                                                                                                                                                                                                    |
| <b>STORAGE/HANDLING:</b>     | Maintain frozen at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles.                                                                                                                 |

**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 µL 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.*