



## MOUSE ANTI-A2B5 MONOCLONAL ANTIBODY

<b>CATALOG NUMBER:</b>	MAB312R (formerly Roche Catalog Number 1300016)
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	100 µg
<b>CONCENTRATION:</b>	1 mg/mL
<b>SPECIFICITY:</b>	<p>The antibody recognizes an epitope common to sialogangliosides and sulfatides from the plasma membranes of neurons, and neuroendocrine and glial cells. Anti-A2B5 has been used to specifically stain:</p> <ul style="list-style-type: none"><li>• Neurofibrillary tangles in the post-mortem brain tissue of patients with a confirmed diagnosis of Alzheimer's disease (6)</li><li>• Neurons of chicken retina, brain, spinal cord, and dorsal root ganglia (3,7).</li><li>• Rat striatal nerve terminals [synaptosomes (8)].</li><li>• Neuroblastoma cells in man (2,5).</li><li>• Rat insulinoma cells and pancreatic islets cells (4,9).</li><li>• Human and rat thymic epithelial cells (10).</li><li>• Cells involved in gliogenesis (11, 12).</li><li>• Oligodendrocytes and astrocytes, type II (13).</li></ul>
<b>IMMUNOGEN:</b>	Embryonic chicken retinal cells
<b>ISOTYPE:</b>	IgM
<b>CLONE NAME:</b>	A2B5-105 (7)
<b>APPLICATIONS:</b>	Immunocytochemistry: 5-10 µg/mL Immunohistochemistry: 5-10 µg/mL (14) Complement-mediated cytotoxicity (7) Optimal working dilutions must be determined by end user.
<b>SPECIES REACTIVITIES:</b>	Human, rat, chicken and mouse.
<b>FORMAT:</b>	Purified immunoglobulin.
<b>PRESENTATION:</b>	Liquid. Buffer = PBS, pH 7.1 with 2 mg/mL BSA.
<b>STORAGE/HANDLING:</b>	Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt.



**REFERENCES:**

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**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  $\mu$ 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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