



MOUSE ANTI-NMDAR1 MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB1586
LOT NUMBER:	
QUANTITY:	15 µg
SPECIFICITY:	NMDA receptor subunit 1 (all splice variants). No cross-reactivity observed with other NMDA receptor subunits. Recognizes a ~120 kDa protein in rat brain hippocampal homogenate by immunoblot.
IMMUNOGEN:	Fusion protein of amino acids 1-564 from rat NR1.
APPLICATIONS:	<u>Western blot:</u> 1:300. It is recommended that the antibody be diluted in TBST (20 mM Tris-HCl, 137 mM NaCl, 1% Tween-20, pH 7.6) containing 5% nonfat milk and 0.05% sodium azide. The diluted antibody can be used at least 5 times without a significant signal decrease. Store at 2-8°C between uses. <u>Immunoprecipitation:</u> 3 µg per 200 µg lysate. Optimal working dilutions must be determined by end user.
SPECIES REACTIVITIES:	Rat, mouse and human.
FORMAT:	Affinity purified immunoglobulin.
PRESENTATION:	Lyophilized. Reconstitute with 50 µL of PBS, pH 7.4. Contains no preservative.
STORAGE/HANDLING:	Maintain lyophilized material at -20°C for up to six months after date of receipt. After reconstitution, maintain at -20°C in undiluted aliquots for up to six months. Avoid repeated freeze/thaw cycles.
REFERENCE:	1. <i>Molecular Pharmacology</i> (1997) 51 :79-86.

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