

GluR1 (Ionotropic Glutamate Receptor) Peptide Control

Catalog #	24440
Lot #	021002A
Form	Lyophilized
Product Type	Peptide

INSTRUCTIONS

IHC Quality Control	<p>The peptide control for GluR1 is intended for the immunoabsorption of GluR1 antiserum, catalog #24439. Preadsorption of GluR1 antiserum, diluted 1/4000–1/8000 according to the antibody specification sheet, with 5 µg/mL GluR1 peptide immunogen following the instructions below provides complete blockage of GluR1 immunolabeling. The peptide is provided as 25 µg of lyophilized rat GluR1, and ≤ 0.09% sodium azide, sequence (894–907).</p> <p>Refer to the Instruction Manual available online at www.immunostar.com for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.</p>
Storage/Handling	<ul style="list-style-type: none"> • The product does not need to be kept cooled during shipping. Prior to reconstitution, as described below, store at -15°C or lower. • After reconstitution, use immediately or refrigerate at 2°–8°C up to 2 days. For long-term storage, aliquot antibody and freeze at -15 to -25°C. Avoid repeated freeze/thaw cycles

APPLICATION

Instructions for Use	<ol style="list-style-type: none"> 1. Reconstitute vial with 500 µl of PBS/Triton X-100 (0.05M sodium phosphate, 0.15M sodium chloride, 0.3% Triton X-100, pH 7.4), put the stopper back on and vortex lightly until dissolved. 2. Add 100 µl of the reconstituted peptide per milliliter of diluted antibody to achieve a final peptide concentration of 5 µg/ml. 3. Vortex the diluted antibody/peptide solution and incubate at 2°–8°C for 18–24 hours before use. 4. Always run preadsorbed antibody in parallel with untreated antibody. Untreated antibody should stain appropriately, while preadsorbed antibody should provide complete blockage of immunolabeling.
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NOTES

Journal References	www.immunostar.com/publications
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For Laboratory Reagent Use Only. Analytical and performance characteristics are not established.

ALL PRODUCTS ARE FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE