MOR (Opioid Receptor-Mu) Peptide Control

Catalog #	**24335**
Lot #	**848001**
Form	Lyophilized
Product Type	Peptide

INFORMATION

IHC Quality Control	The peptide control for Mu Opioid Receptor is intended for the immunoadsorption of Mu Opioid Receptor antiserum, catalog number 24216. Preadsorption of Mu Opioid Receptor antiserum, diluted according to the antibody specification sheet, with 10μg/ml Mu Opioid Receptor peptide immunogen following the instructions below provides complete blockage of Mu Opioid Receptor immunolabeling. The peptide is provided as 50 μg of lyophilized rat Mu Opioid Receptor, sequence (384-398). Also, this antiserum contains ≤ 0.09% sodium azide. Refer to the Instruction Manual available online at www.immunostar.com for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.
Storage/Handling	• The product does not need to be kept cooled during shipping. Prior to reconstitution, as described below, store at -15°C or lower. The crystals in the vial may be difficult to see and the vial may appear empty. • After reconstitution, use immediately or refrigerate at 2º–8ºC. For long-term storage, aliquot and freeze at -15ºC or lower. Avoid repeated freeze/thaw cycles.

APPLICATION

Instructions for Use	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 10 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.

NOTES

Journal References	www.immunostar.com/publications

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