

## 5-HT (Serotonin) 2A Receptor Peptide Control

<b>Catalog #</b>	<b>24333</b>
<b>Lot #</b>	<b>352001</b>
<b>Form</b>	Lyophilized
<b>Product Type</b>	Peptide

### INTRODUCTION

<b>IHC Quality Control</b>	<p>The ImmunoStar peptide control for 5-HT<sub>2A</sub> Receptor is intended for the immunoadsorption of 5-HT<sub>2A</sub> Receptor antiserum, catalog number 24288. Preadsorption of 5-HT<sub>2A</sub> Receptor antiserum, diluted according to the antibody specification sheet, with 5 µg/ml 5-HT<sub>2A</sub> Receptor peptide control following the instructions below provides complete blockage of 5-HT<sub>2A</sub> Receptor immunolabeling. The peptide is provided as 25 µg of lyophilized rat 5-HT<sub>2A</sub> Receptor, sequence 22-41. Also, this antiserum contains ≤ 0.09% sodium azide.</p> <p>Refer to the Instruction Manual available online at <a href="http://www.immunostar.com">www.immunostar.com</a> for information on tissue preparation, immunostaining techniques, troubleshooting, and formulas.</p>
<b>Storage/Handling</b>	<ul style="list-style-type: none"> <li>• The product does not need to be 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 to be empty.</li> <li>• Preparation: 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, invert the vial and vortex.</li> <li>• After reconstitution, use immediately or refrigerate at 2°–8°C. For long-term storage, aliquot and freeze at -15°C or lower. Avoid repeated freeze/thaw cycles.</li> </ul>

### APPLICATION

<b>Instructions for Use</b>	<ol style="list-style-type: none"> <li>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.</li> <li>2. Add 100 µl of the reconstituted peptide per milliliter of diluted antibody to achieve a final peptide concentration of 5 µg/ml.</li> <li>3. Vortex the diluted antibody/peptide solution and incubate at 2°–8°C for 48 hours before use.</li> <li>4. Always run preadsorbed antibody in parallel with untreated antibody. Untreated antibody should stain appropriately, while preadsorbed antibody should provide complete blockage of immunolabeling.</li> </ol>
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### NOTES

<b>Journal References</b>	<a href="http://www.immunostar.com/publications">www.immunostar.com/publications</a>
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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**