**DESCRIPTION**

BioMag® Goat anti-Rat IgM is a suspension of BioMag® particles approximately 1.5µm in size, which are covalently coated with goat anti-Rat IgM antibody. The suspension is supplied in phosphate buffered saline (pH 7.4) with BSA, EDTA, and sodium azide added. After shaking vigorously or vortexing, BioMag® Goat anti-Rat IgM is ready to use.

**CHARACTERISTICS**

Mean Diameter: ~1.5µm  
Particle Concentration:  5 mg/mL  
Binding Capacity:  1mL (5mg) of BioMag® Goat anti-Rat IgM will bind > 0.1mg of rat IgM.

**PROCEDURE**

Researchers are advised to optimize the use of BioMag® in any application as procedures designed by other manufacturers may not be ideal.

BioMag® Goat anti-Rat IgM is suitable for use as a secondary antibody in radioimmunoassays and enzyme immunoassays that utilize a rat IgM primary monoclonal antibody. In cell sorting methods utilizing a rat IgM monoclonal antibody against a specific cell population, BioMag® Goat anti-Rat IgM may be used to separate the cells of interest from a cell mixture. (For additional information on the use of this product in cell separation, please see Product Data Sheet 528, *BioMag® and Cell Sorting*.) Separation may be accomplished magnetically.

**STORAGE AND STABILITY**

Store at 2-8°C. Freezing, drying, or centrifuging BioMag® may result in irreversible aggregation and loss of binding activity. Centrifugation may be used only if it is the last step in a procedure such that resuspension of the BioMag® is not required.

**SAFETY**

This particle suspension contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. Upon disposal of material, flush with a large volume of water to prevent azide accumulation. Please consult the Material Safety Data Sheet for more information.

This product is for research use only and is not intended for use in humans or for *in vitro* diagnostic use.

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Cat. Code</th>
<th>Description</th>
<th>Sizes</th>
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<tbody>
<tr>
<td>BM557</td>
<td>BioMag® Goat anti-Rat IgM</td>
<td>50mL or 500mL</td>
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</tbody>
</table>

Order online anytime at [www.bangslabs.com](http://www.bangslabs.com).