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**B E A D S ● A B O V E T H E R E S T™**

**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 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**

Catalog Code	Description	Sizes
BM557	BioMag® Goat anti-Rat IgM	50mL or 500mL

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