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## B E A D S ● A B O V E T H E R E S T <sup>™</sup>

### DESCRIPTION

BioMag<sup>®</sup> Goat anti-Mouse IgM is a suspension of BioMag<sup>®</sup> particles approximately 1.5µm in size, which are covalently coated with goat anti-Mouse 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<sup>®</sup> Goat anti-Mouse IgM is ready to use.

### CHARACTERISTICS

Mean Diameter: ~1.5µm  
 Particle Concentration: 1 mg/mL  
 Binding Capacity: 1mL (1mg) of BioMag<sup>®</sup> Goat anti-Mouse IgM will bind > 0.2mg of mouse IgM.

### PROCEDURE

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

BioMag<sup>®</sup> Goat anti-Mouse IgM is suitable for use as a secondary antibody in radioimmunoassays and enzyme immunoassays that utilize a mouse primary monoclonal antibody. In cell sorting methods utilizing a mouse monoclonal (IgM) antibody against a specific cell population, BioMag<sup>®</sup> Goat anti-Mouse 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<sup>®</sup> and Cell Sorting*.) Separation may be accomplished magnetically.

### STORAGE AND STABILITY

Store at 2-8°C. Freezing, drying, or centrifuging BioMag<sup>®</sup> 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<sup>®</sup> 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

Cat. Code	Description	Sizes
BM558	BioMag <sup>®</sup> Goat anti-Mouse IgM	50mL or 500mL

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