

9025 Technology Dr. • Fishers, IN 46038-2886  
 800.387.0672 • 317.570.7020 • Fax 317.570.7034  
 info@bangslabs.com • www.bangslabs.com



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

**DESCRIPTION**

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

**CHARACTERISTICS**

Mean Diameter: ~1.5µm  
 Particle Concentration: 1 mg/mL  
 Binding Capacity: 1mL (1mg) of BioMag® Goat anti-Mouse IgG will bind > 0.20mg of mouse IgG.

**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-Mouse IgG is suitable for use as a secondary antibody in radioimmunoassays and enzyme immunoassays which utilize a mouse IgG primary monoclonal antibody. In cell sorting methods utilizing a mouse monoclonal antibody against a specific cell population, BioMag® Goat anti-Mouse IgG may be used to separate the cells of interest from a cell mixture. However, as the specificity of goat anti-mouse antibodies for IgG subclasses may vary, researchers must determine the suitability of this product for their particular monoclonal IgG subclass. (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 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**

Cat. Code	Description	Sizes
BM549	BioMag® Goat anti-Mouse IgG	50mL or 500mL

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