

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

CHARACTERISTICS

Mean Diameter: ~1.5µm
 Particle Concentration: 5 mg/mL
 Binding Capacity: 1mL (5mg) of BioMag® Goat anti-Rat IgG (Fc) will bind 0.15mg of rat 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-Rat IgG (Fc) is suitable for use as a secondary antibody in radioimmunoassays and enzyme immunoassays which utilize a rat IgG primary monoclonal antibody. In cell sorting methods utilizing a rat monoclonal antibody against a specific cell population, BioMag® Goat anti-Rat IgG (Fc) 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 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
BM548	BioMag® Goat anti-Rat IgG (Fc)	50mL or 500mL

Order online anytime at www.bangslabs.com.