



U.S. Corporate Headquarters  
400 Valley Rd.  
Warrington, PA 18976  
1(800) 523-2575 / (215) 343-6484  
1(800)343-3291 fax  
info@polysciences.com

Polysciences Europe GmbH  
Badener Str. 13  
69493 Hirschberg an der Bergstrasse,  
Germany  
+(49) 06201-845200  
+(49) 06201-8452020 fax  
info@polysciences.de

Polysciences Asia-Pacific, Inc.  
2F-1, 207 DunHua N. Rd.  
Taipei, Taiwan 10595  
(886) 2 8712 0600  
(886) 2 8712 2677 fax  
info@polysciences.tw

## TECHNICAL DATA SHEET 548

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# BioMag<sup>®</sup> Goat anti-Rat IgG (Fc Specific)

Catalog Number: 84334

### DESCRIPTION

BioMag<sup>®</sup> Goat anti-Rat IgG (Fc Specific) is a suspension of BioMag<sup>®</sup> particles approximately 1.5 $\mu$ m 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<sup>®</sup> Goat anti-Rat IgG (Fc) is ready to use.

### CHARACTERISTICS

Mean Diameter: ~1.5 $\mu$ m  
Particle Concentration: 5 mg/ml  
Binding Capacity: 1ml (5mg) of BioMag<sup>®</sup> Goat anti-Rat IgG (Fc) will bind 0.15mg of rat IgG.

### 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-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<sup>®</sup> 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 Technical Data Sheet 528, *BioMag<sup>®</sup> and Cell Sorting*.) Separation may be accomplished magnetically.

### ORDERING INFORMATION

Cat. #	Description	Size
84334-50	BioMag <sup>®</sup> Goat anti-Rat IgG (Fc Specific)	50ml
84334-500	BioMag <sup>®</sup> Goat anti-Rat IgG (Fc Specific)	500ml

### STORAGE AND SAFETY

**Storage** Store at 4°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 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 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.**

### TO ORDER

In The U.S. Call: 1(800) 523-2575 • (215) 343-6484  
In The U.S. Fax: 1(800) 343-3291 • (215) 343-0214

In Germany Call: +(49) 06201-845200  
In Germany Fax: +(49) 06201-8452020

In Asia Call: (886) 2 8712 0600  
In Asia Fax: (886) 2 8712 2677

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