

## TECHNICAL DATA SHEET 548

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# BioMag® Goat anti-Rat IgG (Fc Specific)

## Description

BioMag Goat anti-Rat IgG (Fc Specific) is a suspension of BioMag particles approximately 1.6 $\mu$ m in size which are covalently attached to goat anti-rat IgG (Fc) antibody. The suspension is supplied in phosphate buffered saline (pH 7.4) with EDTA and sodium azide added as stabilizers. After shaking vigorously, BioMag Goat anti-Rat IgG (Fc) is ready to use.

## Characteristics

Mean Diameter: ~1.6 $\mu$ m  
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 Technical Data Sheet 528, 'BioMag and Cell Sorting.')

Separation may be accomplished magnetically.

## Storage and Stability

Store at 4°C. Freezing, drying, or centrifuging BioMag may result in irreversible aggregation and loss of binding activity.

## 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. #	Description	Size
84334-50	BioMag® Goat anti-Rat IgG (Fc Specific)	50ml
84334-500	BioMag® Goat anti-Rat IgG (Fc Specific)	500ml

### 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) 6221-765767  
In Germany FAX: (49) 6221-764620

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

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