

## TECHNICAL DATA SHEET 549

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# BioMag® Goat anti-Mouse IgG

## Description

BioMag Goat anti-Mouse IgG is a suspension of BioMag particles approximately 1.6µm 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: ~1.6µm  
Particle Concentration: 5 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 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
84340-50	BioMag® Goat anti-Mouse IgG	50ml
84340-500	BioMag® Goat anti-Mouse IgG	500ml

### To Order

In The U.S. Call: 1-800-523-2575 • 215-343-6484      In Germany Call: (49) 6221-765767  
In The U.S. FAX: 1-800-343-3291 • 215-343-0214      In Germany FAX: (49) 6221-764620

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

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