



Corporate Headquarters
400 Valley Road
Warrington, PA 18976
1-800-523-2575
FAX 1-800-343-3291
Email: info@polysciences.com
www.polysciences.com

Europe - Germany
Polysciences Europe GmbH
Handelsstr. 3
D-69214 Eppelheim, Germany
(49) 6221-765767
FAX (49) 6221-764620
Email: info@polysciences.de

TECHNICAL DATA SHEET 560

BioMag[®] Goat anti-Rat IgG

Page 1 of 1

Description: BioMag Goat anti-Rat IgG is a suspension of BioMag particles approximately 1µm in size which are covalently attached to goat anti-rat IgG antibody. The antibody reacts with the heavy chains on rat IgG and with the light chains on all rat immunoglobulins. The suspension is supplied in phosphate buffered saline (pH 7.4) with EDTA and azide added as stabilizers. *After shaking vigorously, BioMag Goat anti-Rat IgG is ready to use.*

Storage and Stability: BioMag Goat anti-Rat IgG is stable when stored at 4°C. Freezing, drying or centrifuging BioMag results in extensive aggregation and loss of binding activity. **DO NOT FREEZE OR DRY THIS PRODUCT.** Centrifugation may be used only if it is the *last* step in a procedure such that resuspension of the BioMag is NOT required.

BioMag Concentration: 1 mg/mL

Binding Capacity: One mL (1 mg) of BioMag Goat anti-Rat IgG will bind > 0.15 mg of rat IgG. *However, since the specificity of goat anti-rat antibodies for IgG subclasses may vary, researchers must determine the suitability of this product for their particular monoclonal IgG subclass.*

Application: BioMag Goat anti-Rat IgG is suitable for use as a second 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 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 request the booklet, "BioMag and Cell Sorting").* Separation may be accomplished magnetically. *Please inquire for further information on the BioMag separation device best suited to your application.*

Researchers are advised to optimize the use of BioMag in any application as procedures designed by other manufacturers may not be ideal.

Safety: BioMag Goat anti-Rat IgG contains sodium azide. Sodium azide may react with lead and copper plumbing to form explosive metal azides. On disposal of material, flush with a large volume of water to prevent azide accumulation.

For research use only, not intended for use in humans or in vitro diagnostics use.

Cat.#	Description	Size
84330D	BioMag [®] Goat anti-Rat IgG	50ml
84330G	BioMag [®] Goat anti-Rat IgG	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

Should any of our materials fail to perform to our specifications, we will be pleased to provide replacements or return the purchase price. We solicit your inquiries concerning all needs for life sciences work. The information given in this bulletin is to the best of our knowledge accurate, but no warranty is expressed or implied. It is the user's responsibility to determine the suitability for his own use of the products described herein, and since conditions of use are beyond our control, we disclaim all liability with respect to the use of any material supplied by us. Nothing contained herein shall be construed as a recommendation to use any product or to practice any process in violation of any law or any government regulation.