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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 1µm in size which are covalently attached to goat anti-rat IgG (Fc Specific) antibody. The antibody reacts with heavy chains on the Fc portion of rat IgG but not with the light chains on any 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 (Fc Specific) is ready to use.*

Storage and Stability: BioMag Goat anti-Rat IgG (Fc Specific) 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: 5 mg/mL

Binding Capacity: One mL (5 mg) of BioMag Goat anti-Rat IgG (Fc Specific) will bind > 0.20 mg of rat IgG.

Application: BioMag Goat anti-Rat IgG (Fc Specific) 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 (Fc Specific) 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 (Fc Specific) 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
84334D	BioMag [®] Goat anti-Rat IgG (Fc Specific)	50ml
84334G	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
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