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TECHNICAL DATA SHEET 550

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BioMag[®] Goat anti-Mouse IgG (Fc Specific)

Catalog Number: 84344

DESCRIPTION

BioMag[®] Goat anti-Mouse IgG (Fc Specific) is a suspension of BioMag[®] particles approximately 1.5µm in size, which are covalently coated with goat anti-Mouse 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[®] Goat anti-Mouse IgG (Fc) is ready to use.

CHARACTERISTICS

Mean Diameter: ~1.5µm
Particle Concentration: 5 mg/ml
Binding Capacity: 1mL (5mg) of BioMag[®] Goat anti-Mouse IgG (Fc) will bind 0.1mg of mouse IgG (Fc).

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 (Fc) 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 (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 SAFETY

Storage Store at 4°C. Freezing, drying or centrifuging BioMag[®] 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[®] 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.

ORDERING INFORMATION

Cat. #	Description	Size
84344-50	BioMag [®] Goat anti-Mouse IgG (Fc Specific)	50ml
84344-500	BioMag [®] Goat anti-Mouse IgG (Fc Specific)	500ml

TO ORDER

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