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TECHNICAL DATA SHEET 557

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BioMag[®] Goat anti-Rat IgM

Catalog Number: 84335

DESCRIPTION

BioMag[®] Goat anti-Rat IgM is a suspension of BioMag[®] particles approximately 1.5 μ m in size, which are covalently coated with goat anti-Rat IgM antibody. The suspension is supplied in phosphate buffered saline (pH 7.4) with BSA, EDTA and sodium azide added. After shaking vigorously or vortexing, BioMag[®] Goat anti-Rat IgM is ready to use.

CHARACTERISTICS

Mean Diameter: ~1.5 μ m
Particle Concentration: 5 mg/ml
Binding Capacity: 1mL (5mg) of BioMag[®] Goat anti-Rat IgM will bind
> 0.1mg of rat IgM.

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 IgM is suitable for use as a secondary antibody in radioimmunoassays and enzyme immunoassays that utilize a rat IgM primary monoclonal antibody. In cell sorting methods utilizing a rat IgM monoclonal antibody against a specific cell population, BioMag[®] Goat anti-Rat IgM 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.

ORDERING INFORMATION

Cat. #	Description	Size
84335-50	BioMag [®] Goat anti-Rat IgM	50ml
84335-500	BioMag [®] Goat anti-Rat IgM	500ml

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.

TO ORDER

In The U.S. Call: 1(800) 523-2575 • (215) 343-6484
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In Germany Call: +(49) 06201-845200
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