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TECHNICAL DATA SHEET 564

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BioMag® Sheep anti-Fluorescein IgG

Description

BioMag Sheep anti-Fluorescein IgG is a suspension of BioMag particles approximately 1.6µm in size, which are covalently attached to sheep anti-fluorescein IgG antibody. The suspension is supplied in phosphate buffered saline (pH 7.4) with EDTA and sodium azide added as stabilizers. After shaking vigorously or vortexing, BioMag Sheep anti-Fluorescein IgG is ready to use.

Characteristics

Mean Diameter: ~1.6µm
Particle Concentration: 1 mg/ml
Binding Capacity: 1mL (1mg) of BioMag Sheep anti-Fluorescein IgG will bind > 10µg of fluoresceinated albumin.

Procedure

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

BioMag Sheep anti-Fluorescein IgG is suitable for use in cell biology studies. In immunoassays, it is ideally suited to quickly and conveniently separate fluoresceinated components or fluoresceinated complexes from solution. After fluorescein labelling of a monoclonal antibody against a specific cell population, BioMag Sheep anti-Fluorescein may be used in cell sorting to isolate specific cells. BioMag Sheep anti-Fluorescein is also suitable for cell identification and quantitation in flow cytometry. (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 or through centrifugation.

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
84310-50	BioMag® Sheep anti-Fluorescein IgG	50ml

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.

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