

Product Datasheet

Mouse CD4+CD25+ Regulatory T Cell Isolation Kit MAGM208-NOV

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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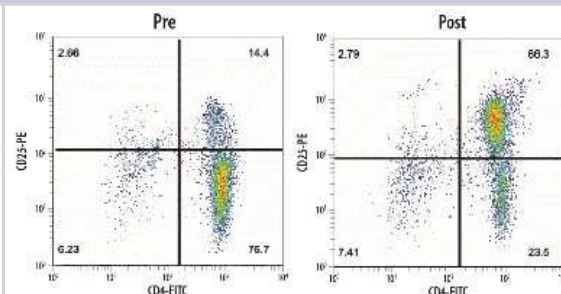


MAGM208-NOV**Mouse CD4+CD25+ Regulatory T Cell Isolation Kit**

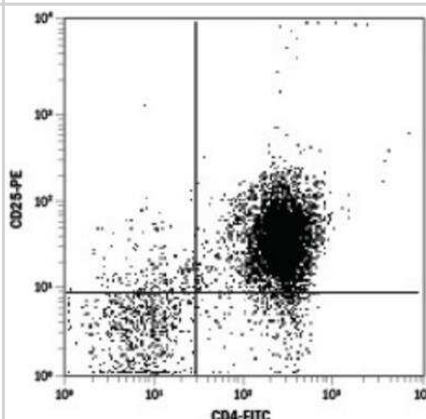
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at 4C. Do not freeze.
Product Description	
Description	<p>The MagCollect Mouse CD4+CD25+ Regulatory T Cell Isolation Kit is designed to isolate mouse CD4+CD25+ regulatory T cells from a preparation of splenocytes using a two-step procedure that combines both negative and positive selection techniques. The resulting cell preparation is highly enriched with CD4+CD25+ T cells with a purity of recovered cells >60%. Features</p> <ul style="list-style-type: none"> • Yields highly enriched populations (84-94%) of Treg cells • Does not require specialized instrumentation • Obtains isolated Treg cells by a combination of negative and positive selection
Species	Mouse
Kit Components	1.0 ml of a Mouse CD4+ T Cell Biotinylated Antibody Cocktail, 0.5 ml of a Anti-Mouse CD25 Biotinylated Antibody, 1.5 ml of a Streptavidin Ferrofluid, 25 ml of a 10X Buffer
Product Application Details	
Applications	Flow Cytometry
Recommended Dilutions	Flow Cytometry

Images

Flow Cytometry: Mouse CD4+CD25+ Regulatory T Cell Isolation Kit [MAGM208-NOV] - Mouse splenocytes were prepared as described in the Cell Preparation Section. Cells were stained with Rat Anti-Mouse CD4-FITC Monoclonal Antibody and Rat Anti-Mouse CD25-PE Monoclonal Antibody either before (Pre) or after (Post) isolation of CD4+CD25+ cells.



Flow Cytometry: Mouse CD4+CD25+ Regulatory T Cell Isolation Kit [MAGM208-NOV] - In the first step, CD4+ T cells were isolated from splenocytes. In the second step, CD4+CD25+ T cells were isolated from the CD4+ cells recovered in Step 1. CD4+CD25+ T cells were stained using FITC-conjugated Rat Anti-Mouse CD4 Monoclonal Antibody (Catalog # FAB554F) and PE-conjugated Rat Anti-Mouse CD25 Monoclonal Antibody (Catalog # FAB2438P).





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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