

Product Datasheet

Mouse Hematopoietic Non-Committed Lineage Cell Isolation Kit MAGM209-NOV

Unit Size: 1 Kit

Store at 4C. Do not freeze.

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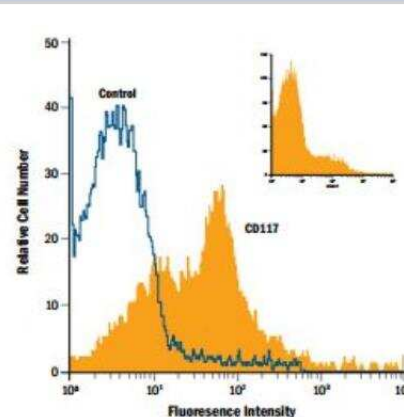
MAGM209-NOV**Mouse Hematopoietic Non-Committed Lineage Cell Isolation Kit**

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 MagCelect Mouse Hematopoietic Cell Lineage Depletion Kit is designed for the isolation of hematopoietic non lineage committed cells (lineage negative) from mouse bone marrow. Lineage committed cells (lineage positive) targeted for magnetic depletion include T cells, B cells, NK cells, monocytes/macrophages, granulocytes, and erythrocytes. The resulting cell population is highly enriched for CD117+ cells (from 40-70% depending on mouse strain) with less than 5% residual lineage positive cells. Features</p> <ul style="list-style-type: none"> • Less than 5% residual lineage-positive cells remain after depletion • Isolated HSCs are untouched by beads or antibodies • Negative selection reduces sources of experimental variation
Species	Mouse
Kit Components	1.0 ml of a Mouse Cell Lineage Depletion Biotinylated Antibody Cocktail, 0.5 ml of a Blocking Reagent-1, 1.5 ml of a Streptavidin Ferrofluid, 25 ml of a 10X Buffer

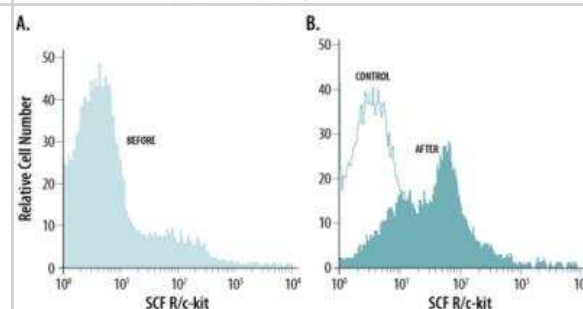


Images

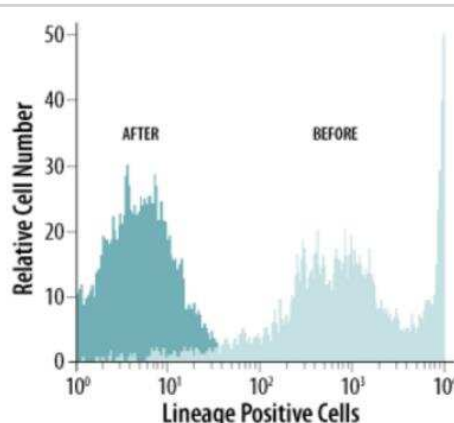
Flow Cytometry: Mouse Hematopoietic Non-Committed Lineage Cell Isolation Kit [MAGM209-NOV] - CD117 (c-kit) staining of bone marrow lineage negative cells isolated from BALB/c mice using this kit. Histograms reflect reactivity of all viable cells with CD117-PE or a matched isotype control. Inset shows CD117 staining of cells before isolation.



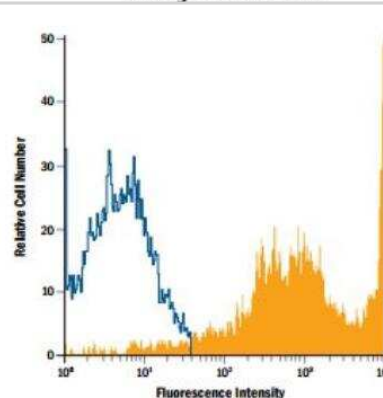
Flow Cytometry: Mouse Hematopoietic Non-Committed Lineage Cell Isolation Kit [MAGM209-NOV] - SCF R/c-kit staining of bone marrow lineage-negative cells isolated from BALB/c mice using the MagCollect Mouse Hematopoietic Cell Lineage Depletion Kit. Histograms reflect the reactivity of all viable cells with a PE-conjugated Rat Anti-Mouse SCF R/c-kit Monoclonal Antibody (Filled histogram) or a PE-conjugated Rat IgG2A Isotype Control (open histogram) before (A) or (B) after lineage depletion.



Flow Cytometry: Mouse Hematopoietic Non-Committed Lineage Cell Isolation Kit [MAGM209-NOV] - Lineage marker reactivity on BALB/c bone marrow (BM) cells processed with the MagCollect Mouse Hematopoietic Cell Lineage Depletion Kit. The histograms show the reactivity of BM cells labeled with the cocktail of biotinylated antibodies (Rat Anti-Mouse CD5, CD11b, B220/CD45R, Gr-1/Ly-6G, and TER-119) included in the kit both before (green histogram) and after (purple histogram) magnetic depletion. Lineage marker reactivity was detected using Streptavidin-PE.



Flow Cytometry: Mouse Hematopoietic Non-Committed Lineage Cell Isolation Kit [MAGM209-NOV] - Lineage marker reactivity on BALB/c bone marrow (BM) cells processed with this kit. Histograms show reactivity of BM cells labeled with the cocktail of biotinylated antibodies before (filled) and after (open) magnetic depletion. Lineage marker reactivity was developed by using Streptavidin-PE.





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