

MojoSort™ Mouse CD19 Nanobeads

Catalog# / Size	480001 / 20 tests 480002 / 200 tests
Regulatory Status	RUO
Description	<p>CD19⁺ expressing cells are either selected or depleted by incubating your sample with the directly conjugated CD19 Nanobeads. The magnetically labeled fraction is retained by the use of a magnetic separator. After collection of the CD19⁺ cells, downstream applications include functional assays, gene expression, phenotypic characterization, etc.</p> <p>MojoSort™ reagents are also compatible with column-based cell separation systems available from other vendors. Optimized protocols for cell separation using columns from in-house testing are provided for each kit under the “Related Protocols” section, as well as representative data on the product webpage (where available). Data generated using column separators are indicated on the figure legend.</p> <p>Due to the property of the beads, MojoSort™ reagents typically require dilution for optimal use on column separators. Where available, recommended dilution factors for each kit component based on in-house testing are provided under the “Application Notes” section of the webpage.</p>

Kit Contents

Kit Contents	<p>For Cat# 480001:</p> <ul style="list-style-type: none"> 1 vial containing 200 µl of CD19 Nanobeads. <p>For Cat# 480002:</p> <ul style="list-style-type: none"> 2 vials containing 1 ml each of CD19 Nanobeads.
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Product Details

Verified Reactivity	Mouse
Formulation	Aqueous solution containing BSA and 0.05% sodium azide.
Preparation	Antibody-conjugated particles: protein-coated magnetic nanobeads.
Storage & Handling	Mouse CD19 Nanobeads should be stored undiluted between 2°C and 8°C.
Application	Cell Separation (MojoSort™) - Quality tested
Recommended Usage	10 µl Mouse CD19 Nanobeads for 1x10 ⁷ cells in 100 µl of buffer.
Application Notes	<p>This kit is designed for the positive selection of CD19⁺ B cells from lymphoid tissues.</p> <p>Antibody or cocktail dilution to use in column: N/A Nanobead dilution to use in columns: 10X</p>
Additional Product Notes	View more applications data for this product in our Scientific Poster Library .

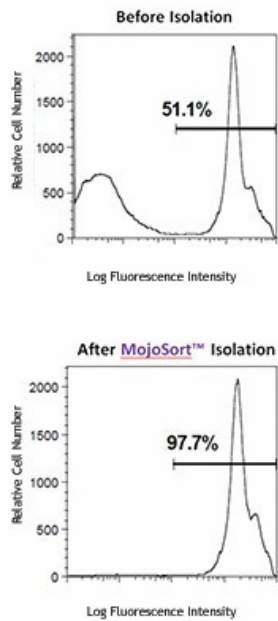
Antigen Details

Biology Area	Costimulatory Molecules, Immunology
Molecular Family	CD Molecules
Gene ID	NA

Related Protocols

[MojoSort™ Nanobeads Protocol - 1](#)

Product Data



A single cell suspension from pooled C57BL/6 mouse lymphoid tissues was prepared to isolate CD19⁺ B cells using the MojoSort™ Mouse CD19 Nanobeads. Cells were stained with CD45R/B220 (clone RA3-6B2) PE. Dead cells were excluded by 7-AAD.

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