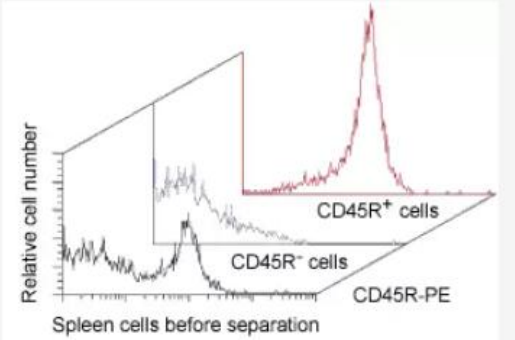
CD45R protein-coupled magnetic MicroBeads

Cat. No. CD45R-238M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Rat
Capacity	for 1×10^9 total cells
Background	The CD45R antigen is expressed throughout B cell development from the pro-B cell stage on, but it is down-regulated during the differentiation of B cells into plasma cells. Expression levels of CD45R are different among distinct B cell subpopulations. Memory B cells are CD45Rlow/-. CD45R is also weakly expressed on a small subset of peripheral T cells, but is not detected on thymocytes.
Application	B cells isolated from bone marrow or peripheral lymphoid organs can be used for in vitro or ex vivo analysis of B cell lymphopoiesis and B cell migration. B cells purified with CD45R MicroBeads can be used for studies on the mechanism and regulation of immunoglobulin gene rearrangement.
Analysis	

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Isolation of B cells from rat spleen using CD45R MicroBeads, a MiniMACS Separator, and an MS Column.

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