KIT protein-coupled magnetic MicroBeads

Cat. No. KIT-563M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Mouse
Capacity	for 1×10^9 total cells
Background	CD117 (c-kit) is a receptor tyrosine kinase expressed on the majority of hematopoietic stem and progenitor cells, on some tissue stem cells as well as mature mast cells. Stimulation of CD117 by its ligand, the cytokine stem cell factor (SCF), is important for stem cell survival and maintance.
Application	Further flow cytometric analysis or sorting of isolated CD117+ cells, e.g. into LSK populations. Transplantation of CD117+ bone marrow cells, e.g. after myocardial infarction for differentiation into smooth muscle cells, myocytes, and endothelial cells.

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