

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 maintenance.

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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA