9853 Pacific Heights Blvd.
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14-2008: Human Cord Blood CD34 Depleted Mononuclear Cells(Discontinued)

Description

Mononuclear cells (MNCs) are separated from umbilical cord blood by means of a density gradient centrifugation protocol. The mononuclear cells are composed of lymphocytes (T cells, B cells, and NK cells), monocytes, dendritic cells, and stem/progenitor cells. These cells are critical components of the immune system and play key roles in the humoral and cell-mediated immune responses. Mononuclear cells are commonly used in research and clinical applications in the areas of

immunology, infectious disease, hematological malignancies, vaccine development, transplant therapy, and high-throughput screening.

We offers highly pure and viable CD34 depleted mononuclear cells from cord blood in an assortment of pre-selected volumes and formats (cryopreserved or fresh). CD34 depleted mononuclear cells are isolated from cord blood by removing the $CD34^+$ population by immunomagenetic separation. The CD34 depleted mononuclear cells contains less than 0.1% $CD34^+$ cells. The presence of $CD34^+$ cells is assessed by flow cytometry. The isolated MNCs can be used to isolate subpopulations, to study monocyte behavior and interactions, or in a variety of other applications.

Single and mixed donor CD34 depleted cells are available upon request. Mixed donor pools are from two or more donors. Single donor cells are obtained from a single umbilical cord blood sample.

Cells were obtained using Institutional Review Board (IRB) approved consent forms and protocols.

Product Info

Amount :	1 Vial
Content :	Each cryopreserved vial contains 200 million cells. Preserved in CryoStorâ„¢ CS10 (10% DMSO)
Storage condition :	Immediately upon receipt, store in liquid nitrogen.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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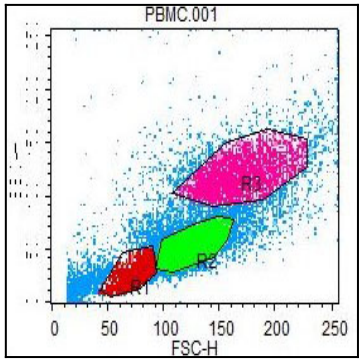
Application Note

LIMITED USE RESTRICTIONS:

THIS PRODUCT IS SOLELY FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

By use of this product, user agrees to be bound by the terms of this limited use statement.

This product is solely for Internal Research Purposes and not for Commercial Purposes. Commercial Purposes include, but are not limited to (1) use of the cell line in manufacturing; (2) use of the cell line to provide a service, information or data; (3) use of the cell line for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the cell line whether or not such cell lines are resold for use in research.

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