

## 14-1010: Human Peripheral Blood CD19/CD27 Memory B Cells(Discontinued)

### Description

Peripheral blood CD19+CD27+ memory B cells become active in the wake of a primary infection from a particular antigen. Memory B cells can persist for years or even a lifetime after an encounter with an antigen. The presence of these cells allows for a faster antibody response if the host comes into contact with the same pathogen.

Human CD19+CD27+ memory B cells are isolated from peripheral blood mononuclear cells. Cells expressing CD2, CD14, CD16, CD36, CD43, and CD235a are depleted from the mononuclear cell population using immunomagnetic particles leaving an enriched CD19+ fraction. CD27+ cells are then enriched from the CD19+ fraction using immunomagnetic anti-CD27 particles leaving purified CD19+CD27+ memory B cells. Isolated cells are characterized by flow cytometry to ensure a highly pure and viable cell population.

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

### Product Info

<b>Amount :</b>	1 Vial
<b>Content :</b>	Each cryopreserved vial contains 0.5 million cells. Preserved in CryoStor <sup>®</sup> , 4 CS10 (10% DMSO)
<b>Storage condition :</b>	Immediately upon receipt, store in liquid nitrogen.

### 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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