

## 14-1004: Human Peripheral Blood CD4/CD45RO Memory T Cells(Discontinued)

### Description

Peripheral blood CD4+CD45RO+ memory T cells are formed after a naïve T cell has come into contact with an antigen. Memory T cells remain inactive until they encounter the same antigen and reactivate to form effector T cells. Having encountered the antigen previously this second encounter produces a faster and stronger immune response to eliminate the foreign invader or cancer cell.

Human CD4+CD45RO+ memory T cells are isolated from peripheral blood mononuclear cells by depleting cells expressing CD8, CD14, CD16, CD19, CD20, CD36, CD45RA, CD56, CD123, TCR $\alpha/\beta$ , and CD235a from the mononuclear cell population using immunomagnetic particles leaving purified, untouched CD4+CD45RO+ memory T 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 5 million cells. Preserved in CryoStor <sup>®</sup> , $\phi$ 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.**

**Commercial License Agreement is available for non-research use if applicable. Please contact Abeomics**

[info@abeomics.com](mailto:info@abeomics.com)).

