

## 30-2245: Anti-CD45R0 Monoclonal Antibody (Clone:UCHL1)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	UCHL1
<b>Application :</b>	FACS, IP, IHC, IHC-Fr
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	PE
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	Human IL-2 dependent T cells

### Description

CD45R0 is the shortest isoform of a receptor-type protein tyrosine phosphatase, CD45 glycoprotein. CD45 is crucial in lymphocyte development and antigen signaling, serving as an important regulator of Src-family kinases, promotes cell survival by modulating integrin-mediated signal transduction pathway and is also involved in DNA fragmentation during apoptosis. CD45 isoforms differ in their extracellular domains, whereas they share identical transmembrane and cytoplasmic domains. These isoforms differ in their ability to translocate into the glycosphingolipid-enriched membrane domains and their expression depends on cell type and physiological state of the cell. CD45R0 is expressed e.g. on macrophages, CD8+ T cells, activated T cells and myeloma cells.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

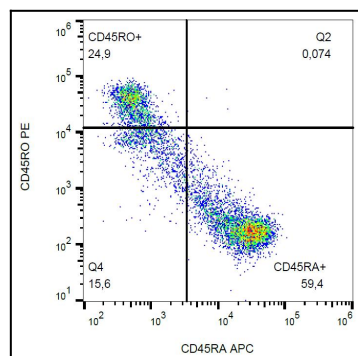


Figure 1: Surface staining of CD45R0 in human peripheral blood with anti-CD45R0 (UCHL1) PE.