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30-2426: Anti-CD45RA Monoclonal Antibody (Clone:MEM-56)-PerCP Conjugated

Clonality :	Monoclonal
Clone Name :	MEM-56
Application :	FACS, IP, WB, IHC
Reactivity :	Human
Conjugate :	PerCP
Gene :	PTPRC
Gene ID :	5788
Uniprot ID :	P08575
Alternative Name :	Receptor-type tyrosine-protein phosphatase C, Leukocyte common antigen, CD45
Isotype :	Mouse IgG2b
Immunogen Information :	Human thymocytes and T lymphocytes.

Description

CD45RA is a high molecular weight 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. CD45RA is expressed e.g. on naïve T cells and normal plasma cells.

Product Info

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

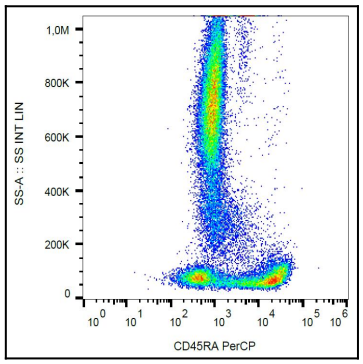


Figure 1: Surface staining of human peripheral blood with anti-CD45RA (MEM-56) PerCP.

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