

PE anti-human CD45RB

Catalog No: #26744



Package Size: #26744-1 25 tests #26744-2 50 tests

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Description

Product Name	PE anti-human CD45RB
Host Species	Mouse
Clonality	Monoclonal
Applications	FC
Species Reactivity	Human
Immunogen Type	Mouse IgG1, κ
Conjugates	PE
Formulation	Phosphate-buffered solution, pH 7.4, containing 0.09% sodium azide and 0.2% (w/v) BSA
Storage	Store at 4°C.DO NOT FREEZE. LIGHT SENSITIVE MATERIAL.

Application Details

10 μ l/test

Background

The monoclonal antibody 4APD7/26 recognizes CD45RB, which is an isoform of the Leukocyte Common Antigen (LCA) also known as CD45. CD45RB is a protein tyrosine phosphatase receptor that is present on most hematopoietic cells and absent on non-hematopoietic cells. Expression of CD45RB is more restricted than CD45 and can only be found on T cell subsets, B, NK, and myeloid cells. Regulatory T cells (Tregs) have been shown to express low levels of CD45RB, which may correlate with increased migration to sites of infection. In contrast, high CD45RB expression results in IL-2 and IFN gamma production instead of IL-4 in vitro.

Note: This product is for in vitro research use only