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PE/Cyanine7 Rabbit anti-Human CD45RA mAb

Catalog No.: A26566

Basic Information

Observed MW
Refer to figures

Calculated MW
138kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC56674-PE-Cy7

Conjugate
PE-Cy7. Ex:565nm. Em:778nm.

Background

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitosis, and oncogenic transformation. This PTP contains an extracellular domain, a single transmembrane segment and two tandem intracytoplasmic catalytic domains, and thus is classified as a receptor type PTP. This PTP has been shown to be an essential regulator of T- and B-cell antigen receptor signaling. It functions through either direct interaction with components of the antigen receptor complexes, or by activating various Src family kinases required for the antigen receptor signaling. This PTP also suppresses JAK kinases, and thus functions as a regulator of cytokine receptor signaling. Alternatively spliced transcripts variants of this gene, which encode distinct isoforms, have been reported.

Recommended Dilutions

FC   5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
5788

Swiss Prot
P08575-8

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 26-482 of human CD45RA (P08575-8).

Synonyms
LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180; IMD105

Contact

Product Information

Source
Rabbit

Isotype
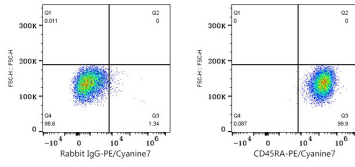IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 Jurkat cells were surface-stained with PE/Cyanine7 Rabbit IgG isotype control (5 μl/Test,left) or PE/Cyanine7 Rabbit anti-Human CD45RA mAb (A26566,5 μl/Test,right).