CREATIVE BIOMART®
Assay Kit

Anti-Human CD45 PerCP Antibody

Product Information

Applications

The Anti-Human CD45 PerCP Antibody is a fluorochrome-conjugated monoclonal antibody for flow cytometric detection of CD45 (leukocyte common antigen), a transmembrane protein tyrosine phosphatase expressed at high levels on all nucleated hematopoietic cells. CD45 is the universal marker for leukocyte identification and is routinely employed as a gating reagent to discriminate leukocytes from non-hematopoietic cells, debris, and erythrocytes in flow cytometry. CD45 expression intensity also aids in distinguishing major leukocyte populations: lymphocytes (CD45□□□□), monocytes (CD45□ⁿ□□□□□□□□□□), and granulocytes (CD45□□). Conjugated to PerCP (Ex/Em: 482 nm / 678 nm), this antibody provides a robust signal in the PerCP channel, making it an essential component of multi-color lymphocyte subset panels and immunophenotyping workflows in clinical and research settings.

Storage

2–8°C

Detection method Flow Cytometry (FCM)

Detection Item

Leukocytes
Leukocyte Gating

Target Species

Human

Target

CD45

Fluorochrome

PerCP

Shelf Life

12–24 Months

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Email:info@creative-biomart.org
Fax:1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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Packing

50/100 Tests/Kit

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