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Purified Anti-Human CD45 Antibody[BC8]

catalog number: E-AB-F13720P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human CD45 protein

Host Mouse

Isotype Mouse IgG1, κ

Clone BC8

Purification >98%, Protein A/G purified

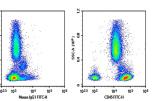
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM 2 μ g/mL(0.5×10⁶-1×10⁶ cells)

Data



Human peripheral blood were stained with 0.2 μg Purified Anti-Human CD45 Antibody[BC8] (Right) and 0.2 μg Mouse IgG1, κ Isotype Control (Left), followed by FITC-conjugated Goat Anti-Mouse IgG Secondary Antibody.

Preparation & Storage

Storage Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

Background

CD45, previously called LCA (leukocyte common antigen), T200, or Ly5 in mice, is member C of the class 1 (recepto r-like) protein tyrosine phosphatase family (PTPRC). It is a variably glycosylated 180-220 kDa transmembrane protein that is abundantly expressed on all nucleated cells of hematopoietic origin. Multiple splicing isoforms of exon 4 (A), 5 (B), and 6 (C) are expressed according to cell type, developmental stage and antigenic exposure. The longest form, CD45RABC (called B220 in mouse) is expressed on B lymphocytes, The shortest form, CD45R0, lacking exons 4, 5 and 6 which encode as 34-194, is expressed on memory cells, while intermediate sizes are expressed on other T cells.

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