



A Reliable Research Partner in Life Science and Medicine

# AF/LE Purified Anti-Human CD45 Antibody[BC8]

catalog number: E-AB-F13720

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

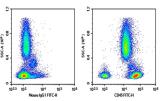
**Purification** >98%, Protein A/G purified

Buffer Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL

method.

Applications	Recommended Dilution
FCM	2 μg/mL(0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)

#### Data



Human peripheral blood were stained with 0.2 μg AF/LE 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. This preparation contains no preservatives, thus it should be handled

under aseptic conditions.

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.

 Toll-free: 1-888-852-8623
 Tel: 1-832-243-6086
 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com

Rev. V1.5