DEVELOP

Product name: Anti-Human CD58 Monoclonal
Antibody(PE/Cyanine5 Conjugated)

Catalog: DL20842F

Synonyms: Lymphocyte function-associated antigen
3,CD58,Ag3,Surface glycoprotein LFA-3,LFA3

Background: CD58, also known as lymphocyte
function-associated antigen 3 (LFA-3) is a 45-70 kD
cell surface protein that is a member of the
immunoglobulin superfamily. Alternative splicing of
CD58 gives rise to transmembrane and
glycosylphosphatidylinositol (GPI)-anchored forms
on cell surface. CD58 is expressed on both
hematopoietic and non-hematopoietic cells including
B cells, T cells, monocytes, erythrocytes, endothelial
cells, epithelial cells, and fibroblasts. High levels are

observed on memory T cells and dendritic cells. CD58 expressed on antigen presenting cells and target cells enhances T cell recognition via the binding of it's cognate ligand, CD2, on the T cell surface.

Form: Liquid

Isotype: Mouse IgG1, κ

Size: 20Tests/100Tests/100Tests×2

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 5 μL

Conjugation: PE/Cyanine5

SwissProt: P19256

Buffer: Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

Recommended Use:

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined

for individual use.

Storage:

Keep as concentrated solution.

Store at 2~8℃ and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.