

Manufacturer/Supplier:

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Product name: Anti-Human CD58 Monoclonal Antibody(Biotin
Conjugated)

Catalog: DL20839F

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: 25 μ g/100 μ g

Host: Mouse

Reactivity: Human

Application: FCM

Concentration: 0.5 mg/mL

Conjugation: Biotin

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. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Storage:

Keep as concentrated solution.

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

This product is guaranteed up to one year from purchase.