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Biotin Anti-Human CD58 Antibody[TS2/9.1]

Catalog Number: E-AB-F1068B

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

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ

Clone No. TS2/9.1

Isotype Control Biotin Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793B]

Conjugation Biotin

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications Recommended usage

FCM 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 μ g per 10⁶ cells in 100 μ L volume or 100 μ L of whole blood. It is recommended that the reagent be titrated for

optimal performance for each application.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names Ag3;CD58;LFA3;Lymphocyte function-associated antigen 3;Surface glycoprotein LFA-3

 Uniprot ID
 P19256

 Gene ID
 965

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 cell s, 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.