
CD58 (HI58a) Antibody

Subcategory: Mouse Monoclonal Antibody, FITC-conjugated Antibody

Cat. No.: 251031

Unit: 2 ml

Description:

The CD58 (HI58a) antibody recognizes a 55-70 kDa membrane glycoprotein known as the lymphocyte function associated antigen-3 (LFA-3). CD58 antigen has wide distribution over many tissues, both hematopoietic and non-hematopoietic cells, including leukocytes, erythrocytes, endothelial cells, epithelial cells and fibroblasts. There are two isoforms of CD58 antigen: a glycosylphosphatidylinositol (GPI)- anchor form and a transmembrane form. Both forms are expressed on the same cell type, however erythrocytes only have the GPI- anchored isoform. CD58 is an adhesion molecule that binds to CD2 for cell signaling to T cells and NK cells.

Isotype: mouse IgG1

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 0.1% BSA with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

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

Accession No.: P19256

Application Notes: FC with whole blood: 100 μ l blood + 20 μ l antibody; FC with cells: 10E6 cells + 20 μ l antibody. FC: 1:200-1:1,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.