
CD55 (HI55a) Antibody

Subcategory: Mouse Monoclonal Antibody, PE-conjugated Antibody

Cat. No.: 252280

Unit: 2 ml

Description:

The CD55 (HI55a) antibody recognizes the human cell surface antigen CD55 (complement decay-accelerating factor, DAF), a GPI linked molecule widely expressed on human peripheral blood granulocyte, monocyte, and some lymphocytes and erythrocytes. CD55 recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino groups during their activation. This interaction interferes with the conversion of C2 and factor B to amplify the complement cascade. CD55 polymorphism is responsible for the Cromer blood group system.

Isotype: Mouse IgG2a

Applications: FC

Species Reactivity: H

Format: Each vial contains 2 ml IgG (100 tests) in PBS pH7.4, 1% BSA with 0.05% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Complement decay-accelerating factor; CD55; CR; DAF

Accession No.: P08174

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.