

Technical Data Sheet

Anti-Human CD59

Catalog Number: 106801, 106802

Size: 100 ug, 500 ug

Target Name: CD59, Protectin, MIRL, H19, MACIF

Regulatory Status: RUO

Product Details

Clone: p282 (H19)

Application: FC

Reactivity: Human

Format: Purified

Isotype: Mouse IgG2a

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide

Protein Concentration: 0.5 mg/mL

Storage&Handling: The antibody solution should be stored between 2°C and 8°C

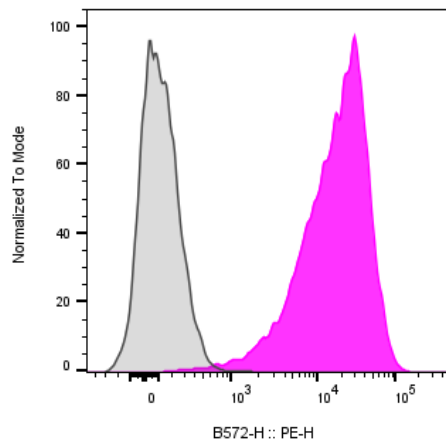
Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.2 ug of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application

Release Date: Dec-25

Background Information

CD59 (Protectin) is a 19–25 kDa GPI-anchored glycoprotein expressed on hematopoietic and non-hematopoietic cells. It functions as a complement regulatory protein by binding C8/C9 and inhibiting membrane attack complex (MAC) formation, thereby protecting host cells from complement-mediated lysis. CD59 also participates in T-cell activation and costimulation. CD59 deficiency can cause hemolytic anemia, thrombosis, and cerebral infarction.

Product Data



Human peripheral blood lymphocytes was stained with Purified Anti-Human CD59 clone P282 (H19) (color-filled histogram) or an isotype control (gray histogram), followed by PE anti-mouse IgG 2nd antibody.