

Technical Data Sheet

Biotin Anti-Human CD197

Catalog Number: 107307, 107308

Size: 25 ug, 100 ug

Target Name: CD197, CCR7, BLR2, CDw197, EBI1, CMKBR7

Regulatory Status: RUO

Product Details

Clone: 197AM2a

Application: FC

Reactivity: Human

Format: Biotin

Isotype: Mouse IgG1

Antibody Type: Monoclonal

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

Protein Concentration: 0.2 mg/mL

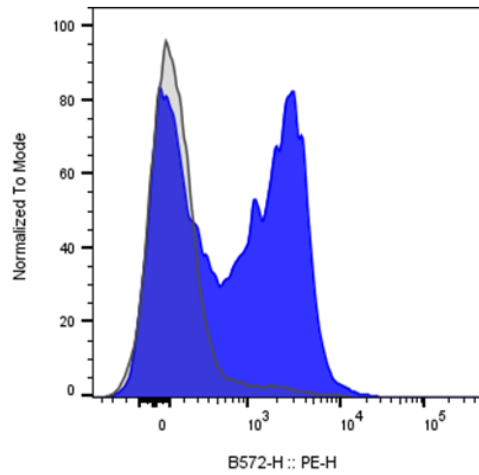
Storage and Handling: The antibody solution should be stored between 2°C and 8°C

Recommended Usage: For flow cytometric staining, it is recommended to use less than 0.25 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

Background Information

C-C chemokine receptor type 7 is a protein that in humans is encoded by the CCR7 gene. CD197 is a chemokine receptor that binds CCL19 and CCL21. CCR7 is expressed on naive T cells, regulatory T cell, memory T cell, dendritic cell, mature B cell. Through regulating the homing of CD197 expressing cells into secondary lymphoid organs, it affects the interaction among these cells and thus the immune response.

Product Data



Human peripheral blood lymphocytes stained with biotinylated Anti-Human CD197 clone 197AM2a (blue histogram) or an isotype control (gray histogram) , followed by SA-PE.