

Technical Data Sheet

iF647 Anti-Human CD197

Catalog Number: 110903, 110904

Size: 25 tests, 100 tests

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

Regulatory Status: RUO

Product Details

Clone: 197AR2a

Application: FC

Reactivity: Human

Format: iF647

Isotype: Rat IgG2a

Antibody Type: Monoclonal

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA

Protein Concentration: Supplied at a lot-specific concentration.

Storage&Handling: The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.

Recommended Usage: For flow cytometric staining, it is recommended to use 5 uL 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.

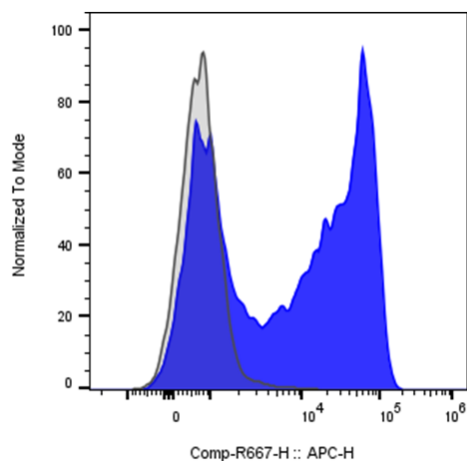
Excitation Laser: Red Laser (633 nm)

Release Date: Dec-25

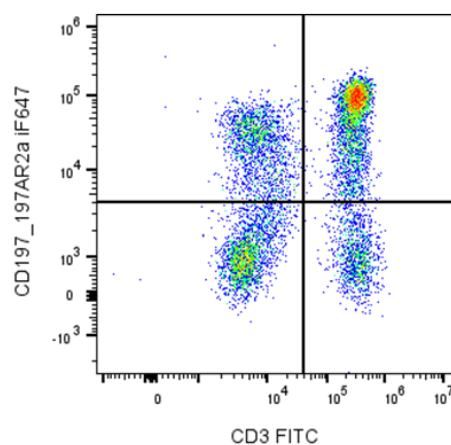
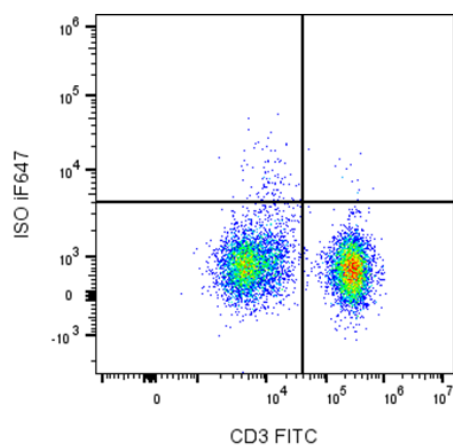
Background Information

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 was stained with iF647 Anti-Human CD197 clone 197AR2a (color-filled) or an isotype control (gray histogram).



Human peripheral blood lymphocytes was co-stained with FITC Anti-Human CD3 (clone OKT3) and either iF647 Anti-Human CD197 clone 197AR2a (right panel) or an isotype control (left panel).