

Technical Data Sheet

iF488 Anti-Human CD197

Catalog Number: 107305, 107306

Size: 25 tests, 100 tests

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

Regulatory Status: RUO

Product Details

Clone: 197AM2a

Application: FC

Reactivity: Human

Format: iF488

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

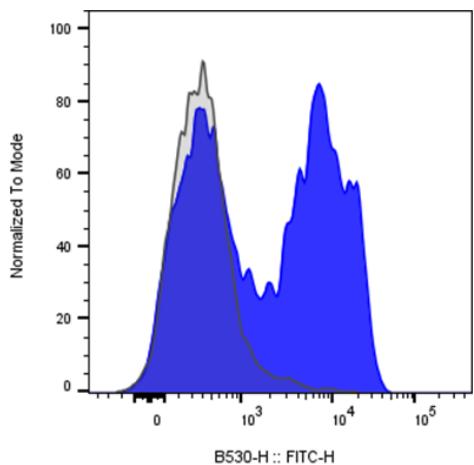
Recommended Usage: For flow cytometric staining, it is recommended to use 5 uL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application.

Excitation Laser: Blue Laser (488 nm)

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 iF488 Anti-Human CD197 clone 197AM2a (blue histogram) or an isotype control (gray histogram).