

iF647 Anti-Human CD196 (CCR6) Antibody

Catalog Number:	111103, 111104
Size:	25 tests, 100 tests
Target Name:	CD196, CCR6, DRY-6, STRL22, CKR-L3
Regulatory Status:	RUO

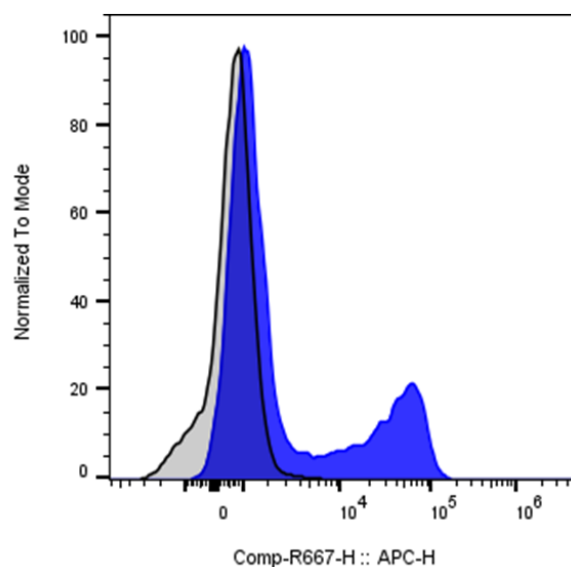
PRODUCT DETAILS

Clone:	196AM1
Application:	Flow Cytometry
Reactivity:	Human
Format:	iF647
Isotype:	Mouse IgG1
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)

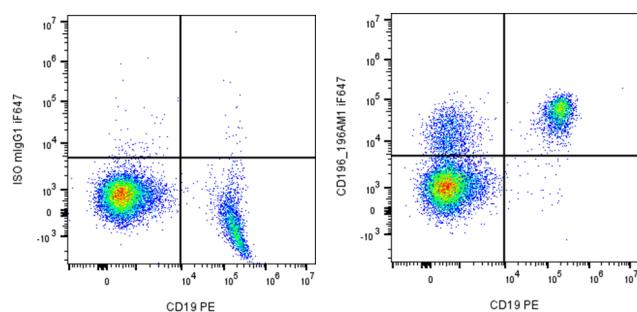
BACKGROUND INFORMATION

CCR6 is a seven-transmembrane chemokine receptor expressed on immature dendritic cells, B cells, and memory T cells. Its primary ligand, CCL20 (MIP-3α), regulates immune cell migration, B cell differentiation, and Th17 recruitment and is implicated in inflammatory diseases such as rheumatoid arthritis and inflammatory bowel disease.

PRODUCT DATA



Human peripheral blood lymphocytes was stained with iF647 Anti-Human CD196 clone 196AM1 (color-filled histogram) or an isotype control (gray histogram).



Human peripheral blood lymphocytes was co-stained with PE anti-human CD19 and either iF647 Anti-Human CD196 clone 196AM1 (right panel) or an isotype control (left panel).

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