abcam

ab326535

Alexa Fluor® 488 Anti-CCR5/CD195 antibody [T21/8]

Key facts

Isotype	IgG1
Host species	Mouse
Conjugation	Alexa Fluor® 488
Excitation/Emission	Ex: 495nm, Em: 519nm
Storage buffer	pH: 7.4 Preservative: 0.098% Sodium azide Constituents: PBS, 0.2% BSA
Form	Liquid
Clonality	Monoclonal
Clone number	T21/8
Purification technique	Size-exclusion chromatography
Specificity	The mouse monoclonal antibody T21/8 recognizes an extracellular epitope on the N-teminus of CD195, an approximately 45 kDa G-protein coupled receptor 1 family protein expressed on resting T cells, monocytes, macrophages, and immature dendritic cells.
Light chain type	kappa
Purification notes	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Reactivity data

Flow Cyt

Tested

Species	Human
Dilution info	-
Notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.

Target data

See full target information CCR5/CD195

Function	Receptor for a number of inflammatory CC-chemokines including CCL3/MIP-1-alpha, CCL4/MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. May play a role in the control of granulocytic lineage proliferation or differentiation. Participates in T-lymphocyte migration to the infection site by acting as a chemotactic receptor (PubMed:30713770). (Microbial infection) Acts as a coreceptor (CD4 being the primary receptor) of human immunodeficiency virus-1/HIV-1.

Storage

Shipped at conditions	Ambient - Can Ship with Ice
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	+4°C
Storage information	Do Not Freeze, Store in the dark

Notes

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Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

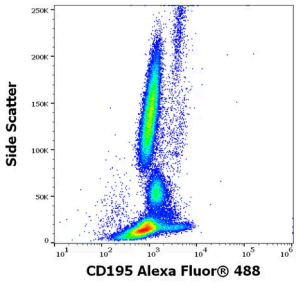
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
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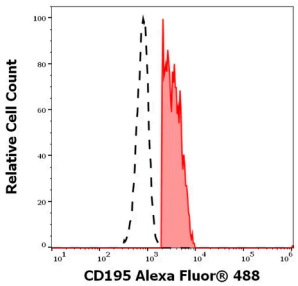
3 product images



Flow Cytometry - Alexa Fluor® 488 Anti-CCR5/CD195 antibody [T21/8] (ab326535)

CCR5/CD195 Flow Cytometry staining of human peripheral whole blood using mouse Anti-CCR5/CD195 antibody

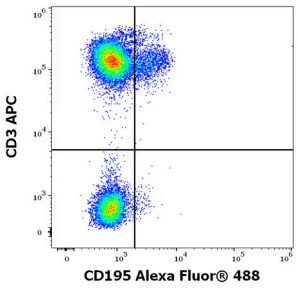
Flow cytometry surface staining pattern of human peripheral whole blood stained using ab326535 (concentration in sample 3 µg/ml).



Flow Cytometry - Alexa Fluor® 488 Anti-CCR5/CD195 antibody [T21/8] (ab326535)

CCR5/CD195 Flow Cytometry staining of human peripheral whole blood using mouse Anti-CCR5/CD195 antibody

Separation of human CD3 positive CD195 positive T cells (red-filled) from CD3 negative CD195 negative lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using ab326535 (concentration in sample 3 µg/ml).



Flow Cytometry - Alexa Fluor® 488 Anti-CCR5/CD195 antibody [T21/8] (ab326535)

CCR5/CD195 Flow Cytometry staining of human lymphocytes using mouse Anti-CCR5/CD195 antibody

Flow cytometry multicolor surface staining pattern of human lymphocytes stained using anti-human CD3 (UCHT1) APC antibody (10 µl reagent / 100 µl of peripheral whole blood) and ab326535 (concentration in sample 3 µg/ml).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.