

Product Datasheet

Anti-Hu CD195 PE (orb154530)

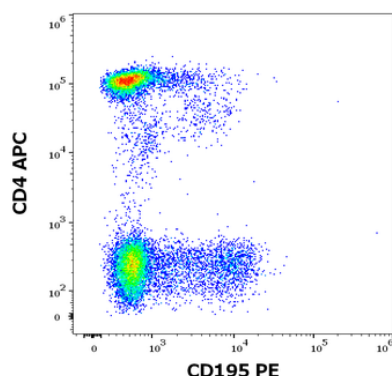
Description	Mouse monoclonal antibody conjugated to PE which recognizes CD195 that belongs to the G-protein coupled receptor 1 family. It also known as CCR5. It highly expressed in spleen, thymus. CD195 play a role in the control of granulocytic lineage proliferation or differentiation. It acts as a coreceptor for HIV-1 R5 isolates.
Reactivity	Human
Conjugation	PE
Tested Applications	FC
Immunogen	CCR5 peptide (Met1-Lys22) KLH conjugate
Target	CD195
Preservatives	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
Note	For research use only
Application notes	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Isotype	Mouse IgG1 kappa
Clonality	Monoclonal
Clone Number	T21/8
Antibody Type	Primary Antibody
Purity	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

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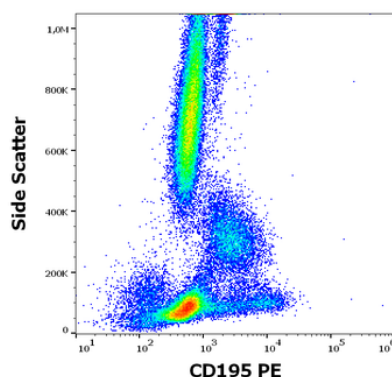
7 Signet Court, Swann's Road,
Cambridge, CB5 8LA, United Kingdom
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

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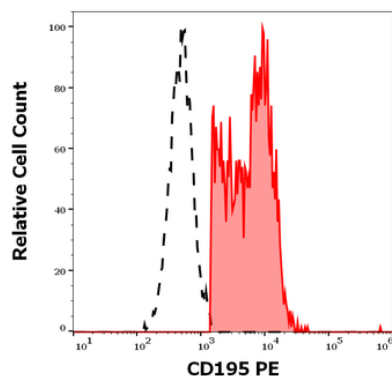
68 TW Alexander Drive,
Durham, NC, 27713, United States
Email: info@biorbyt.com, support@biorbyt.com
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

Uniprot ID **P51681****Entrez** **1234****Expiration Date** 12 months from date of receipt.

Anti-Hu CD195 PE antibody (clone T21/8) specificity verification by flow cytometry. Anti-Hu CD195 PE (concentration in sample 5 µg/ml, red-filled histogram) binds specifically to surface CD195 in transfected cells (upper panel), but not to the parent HEK-293 WT cells (lower panel). Level of non-specific binding was assessed using Mouse IgG1 isotype control PE (MOPC-21) under same conditions (concentration in sample 5 µg/ml, black-dashed histogram).



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