

**Anti-CCR5 / CD195 Reference Antibody (Ieronlimab)  
Recombinant Antibody  
Catalog # APR10518**

**Specification**

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**Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">P51681</a>
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	150 KDa

**Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) - Additional Information**

**Target/Specificity**  
CCR5 / CD195

**Endotoxin**  
< 0.001EU/ µg,determined by LAL method.

**Conjugation**  
Unconjugated

**Expression system**  
CHO Cell

**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) - Protein Information**

**Name** CCR5 ([HGNC:1606](#))

**Synonyms** CMKBR5

**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:<a href="http://www.uniprot.org/citations/30713770" target="\_blank">30713770</a>).

**Cellular Location**  
Cell membrane; Multi-pass membrane protein

### Tissue Location

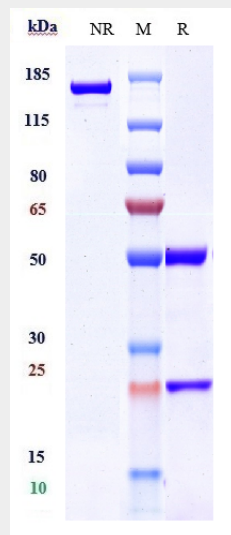
Highly expressed in spleen, thymus, in the myeloid cell line THP-1, in the promyeloblastic cell line KG-1a and on CD4+ and CD8+ T-cells. Medium levels in peripheral blood leukocytes and in small intestine. Low levels in ovary and lung.

### Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) - Protocols

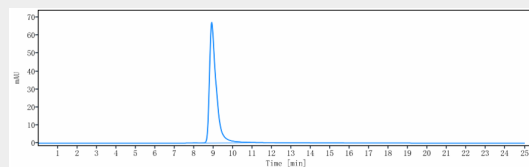
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

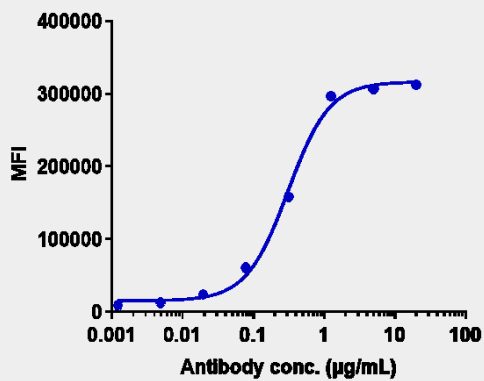
### Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) - Images



Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) is more than 95% ,determined by SEC-HPLC.



Human CCR5 His EGFP HEK293 cells were stained with Anti-CCR5 / CD195 Reference Antibody (Ierolimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.3073 µg/mL