

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

Specification

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

Application	FC, E, FTA
Primary Accession	P51681
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:30713770).

Cellular Location
Cell membrane; Multi-pass membrane protein

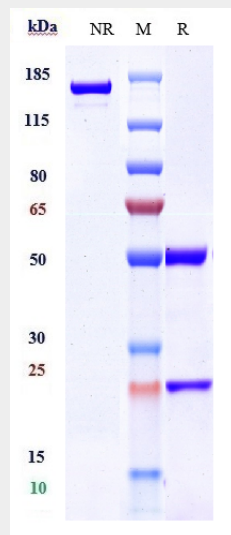
Tissue Location

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.

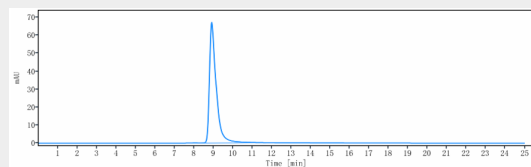
Anti-CCR5 / CD195 Reference Antibody (Ieronlimab) - Protocols

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

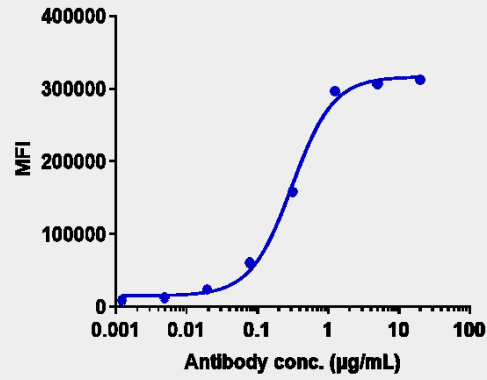
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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