

Anti-CCR5 / CD195 Reference Antibody (Ieronlimab)

Recombinant Antibody

Catalog # APR10518

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P51681
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	40524

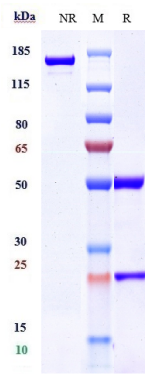
Additional Information

Target/Specificity	CCR5 / CD195
Endotoxin	
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.

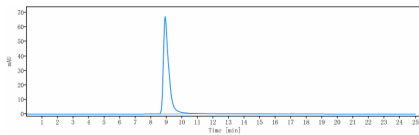
Protein Information

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.

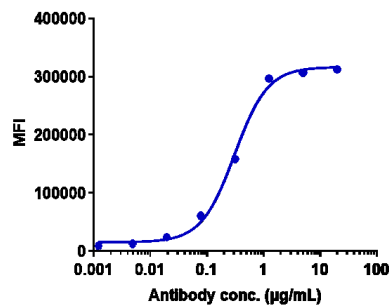
Images



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 (Ieronlimab) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.3073 µg/mL

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