

Anti-CCR5 hIgG4 Antibody(Ieronlimab)

Product information

GM-87687AB-10	10 µg
GM-87687AB-100	100 µg
GM-87687AB-1000	1 mg

Antibody Information

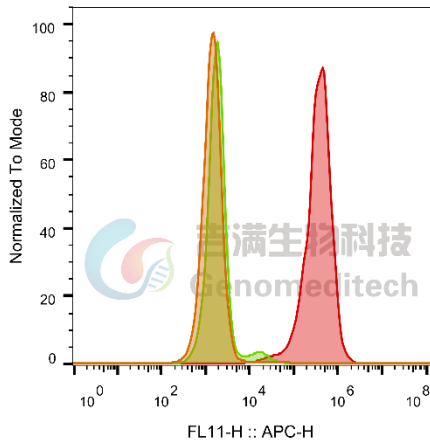
Species Reactivity	Human;
Clone	Ieronlimab
Source/Isotype	Monoclonal human IgG4, κ
Application	Flow cytometry
Specificity	Detects CCR5
Gene	CCR5
Other Names	CC-CKR-5, CCCKR5, CCR-5, CD195, CKR-5, CKR5, CMKBR5, IDDM22
Gene ID	1234 (human);
Background	<p>This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. This protein is expressed by T cells and macrophages, and is known to be an important co-receptor for macrophage-tropic virus, including HIV, to enter host cells. Defective alleles of this gene have been associated with the HIV infection resistance. The ligands of this receptor include monocyte chemoattractant protein 2 (MCP-2), macrophage inflammatory protein 1 alpha (MIP-1 alpha), macrophage inflammatory protein 1 beta (MIP-1 beta) and regulated on activation normal T expressed and secreted protein (RANTES). Expression of this gene was also detected in a promyeloblastic cell line, suggesting that this protein may play a role in granulocyte lineage proliferation and differentiation. This gene is located at the chemokine receptor gene cluster region. An allelic polymorphism in this gene results in both functional and non-functional alleles; the reference genome represents the functional allele.</p>
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

Version:3.1

Data Examples

Flow cytometry

H_CD4-CCR5-CXCR4 HeLa Cell Line(Catalog # GM-C38356) was stained with Anti-CCR5 hlgG4 Antibody(leronlimab) (Catalog # GM-87687AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.



SampleID	Geometric Mean : FL11-H
Hela anti-CCR5+APC-2nd Ab	1488
Hela H_CD4-CCR5-CXCR4 H_ IgG+APC-2nd Ab	1955
Hela H_CD4-CCR5-CXCR4 anti-CCR5+APC-2nd Ab	333137

Fig. FACS