Anti-CD195 [HEK/1/85a/7a]

Catalogue number: 153524
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: University of Reading
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD195 [HEK/1/85a/7a]

Alternate name: Anti-CCR5, CCR5 Antibody, CD195 Antibody, C-C chemokine receptor type 5, HIV-1 fusion co-receptor

Class: Monoclonal
Conjugate: Unconjugated
Description: CD195 or CCR5 (CC-chemokine receptor type 5) is a receptor for a number of inflammatory CC-chemokines including MIP-1-alpha, MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. It may play a role in the control of granulocytic lineage proliferation or differentiation, and has been shown to act as a co-receptor for HIV-1 R5 isolates. Recent studies have shown CCR5 to play a role in a variety of other human diseases, ranging from infectious and inflammatory diseases to cancer.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG2a kappa
Reactivity: Human
Selectivity:
Host: Rat
Immunogen: CHO cells transfected with human CCR5
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CD195

Target alternate names:

Target background: CD195 or CCR5 (CC-chemokine receptor type 5) is a receptor for a number of inflammatory CC-chemokines including MIP-1-alpha, MIP-1-beta and RANTES and subsequently transduces a signal by increasing the intracellular calcium ion level. It may play a role in the control of granulocytic lineage proliferation or differentiation, and has been shown to act as a co-receptor for HIV-1 R5 isolates. Recent studies have shown CCR5 to play a role in a variety of other human diseases, ranging from infectious and inflammatory diseases to cancer.

Molecular weight:

Ic50:

Applications

Application: FACS ; IF ; Fn
Application notes:

Handling

Format: Liquid
Concentration: 0.9-1.1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Tang et al. 2016. Cell Stem Cell. 18(5):587-90. PMID: 26952870.