

CCR8 recombinant antibody

CCR8 Recombinant Monoclonal Antibody

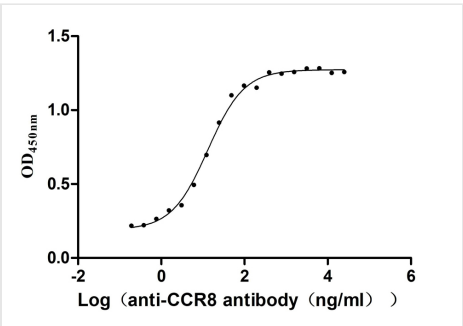
CATALOG # AAA278952	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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PRODUCT SYNONYMS

CCR8; Monoclonal Recombinant Antibody; CCR8 Recombinant Monoclonal Antibody; CKRL1; CMKBR8; CMKBRL2; C-C chemokine receptor type 8; C-C CKR-8; CC-CKR-8; CCR-8; CC chemokine receptor CHEMR1; Chemokine receptor-like 1; CKR-L1; GPR-CY6; GPRCY6; TER1; CD antigen CDw198; CCR8 recombinant antibody

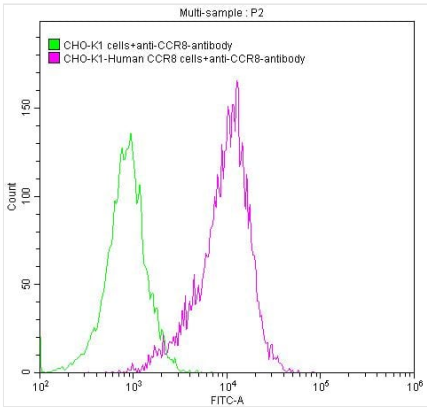
PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	6B12
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Applicable Applications for CCR8 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant Human CCR8 protein
Immunogen Species	Homo Sapiens (Human)
Conjugate	Non-conjugated
Research Area	Immunology; Microbiology
Buffer	Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Preparation and Storage	Store at -20°C or -80°C. Avoid repeated freeze.



ELISA

The Binding Activity of CCR8 with Anti-CCR8 recombinant antibody. Activity: Measured by its binding ability in a functional ELISA. Immobilized Human CCR8 at 5 ug/mL can bind Anti-CCR8 recombinant antibody, the EC50 is 11.20-15.63 ng/mL.



FCM/FACS (Flow Cytometry)

Untransfected CHO-K1 cells (green line) and transfected Human CCR8 CHO-K1 stable cells (red line) were stained with anti-CCR8 antibody (2ug/1*10⁶cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.

ADDITIONAL INFORMATION

Related Product Information for CCR8 recombinant antibody

The synthesis of the CCR8 recombinant monoclonal antibody is carried out with meticulous precision to ensure its exceptional quality and specificity. The process begins by isolating B cells from the spleen of an immunized animal, where the recombinant human CCR8 protein serves as the immunogen. RNA is extracted from the B cells and converted into cDNA through reverse transcription. Using specific primers designed for the antibody constant regions, the CCR8 antibody genes are amplified and inserted into an expression vector. The vector is then introduced into host cells through transfection, allowing for the production of the CCR8 recombinant monoclonal antibody. After a period of cell culture, the antibody is harvested from the cell culture supernatant and purified using affinity chromatography, resulting in a highly purified form suitable for a wide range of applications. To ensure its reliability and effectiveness, the antibody undergoes FC analysis to validate its specificity and functionality in detecting human CCR8 protein.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	P51685
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ccr8-recombinant-antibody-clone-6b12-flow-cytometry-elisa/278952>