

CCR4 recombinant antibody

CCR4 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279015	HEK293F Cell	Human	Flow Cytometry, Functional Assay, ELISA

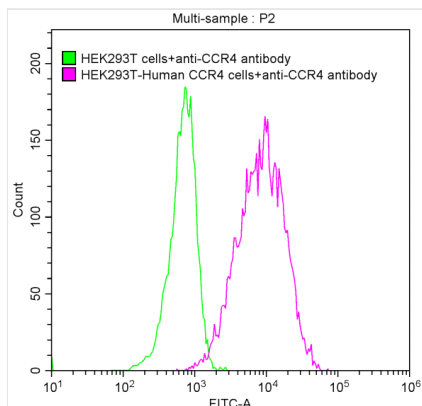
PRODUCT SYNONYMS

CCR4; Monoclonal Recombinant Antibody; CCR4 Recombinant Monoclonal Antibody; CMKBR4; C-C chemokine receptor type 4; C-C CKR-4; CC-CKR-4; CCR-4; K5-5; CD antigen CD194; CCR4 recombinant antibody

PRODUCT SPECIFICATIONS

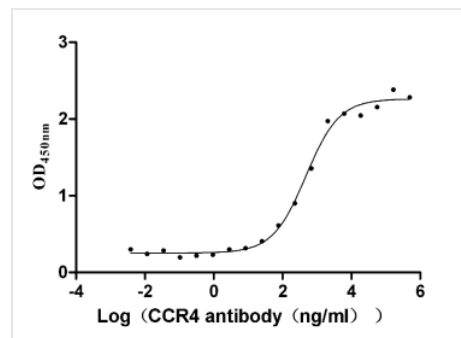
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	hIgG1
Clone Number	12F5
Purity/Purification	Affinity purified
Form/Format	Liquid; 0.03% Proclin 300, 50% glycerol, 0.01M PBS, pH 7.4.
Applicable Applications for CCR4 recombinant antibody	FCM/FACS (Flow Cytometry), ELISA
Immunogen Species	Human
Immunogen	Recombinant Human CCR4 protein
Conjugation	Non-conjugated
Research Area	Immunology
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Untransfected HEK293 cells (green line) and transfected Human CCR4 HEK293 stable cells (red line) were stained with anti-CCR4 antibody(2ul/1*10⁶ cells), washed and then followed by FITC-conjugated anti-Human IgG Fc antibody and analyzed with flow cytometry.



ELISA

The Binding Activity of CCR4 with Anti-CCR4 Recombinant Antibody: Measured by its binding ability in a functional ELISA. Immobilized CCR4 at 10 ug/mL can bind Anti-CCR4 Recombinant Antibody, the EC50 is 362.3-630.8 ng/mL.

ADDITIONAL INFORMATION

Related Product Information for CCR4 recombinant antibody	High affinity receptor for the C-C type chemokines CCL17/TARC, CCL22/MDC and CKLF isoform 1/CKLF1. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Can function as a chemoattractant homing receptor on circulating memory lymphocytes and as a coreceptor for some primary HIV-2 isolates. In the CNS, could mediate hippocampal-neuron survival.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031627
NCBI GeneID	1233
NCBI Accession #	NP_005499.1
NCBI GenBank Nucleotide #	NM_005508.4
UniProt Accession #	P51679; Q9ULY6; Q9ULY7
Molecular Weight	41,403 Da
NCBI Official Full Name	C-C chemokine receptor type 4
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 4
NCBI Official Symbol	CCR4
NCBI Official Synonym Symbols	CKR4; K5-5; CD194; CMKBR4; ChemR13; CC-CKR-4; HGCN:14099
NCBI Protein Information	C-C chemokine receptor type 4; CCR-4; C-C CKR-4; chemokine (C-C) receptor 4
UniProt Protein Name	C-C chemokine receptor type 4
UniProt Gene Name	CCR4
UniProt Synonym Gene Names	CMKBR4; C-C CKR-4; CC-CKR-4; CCR-4; CCR4
UniProt Entry Name	CCR4_HUMAN

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.