

CCR5(CD195) Antibody

Catalog No: #21666

Package Size: #21666-1 50ul #21666-2 100ul

Description

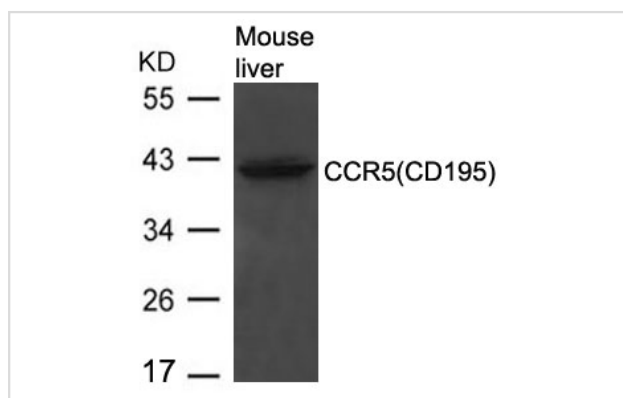
Product Name	CCR5(CD195) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Applications	WB
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous level of total CCR5(CD195) protein.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around aa.11~15(D-I-N-Y-Y) derived from Human CCR5(CD195).
Conjugates	Unconjugated
Target Name	CCR5(CD195)
Other Names	CKR5; CD195; CKR-5
Accession No.	Swiss-Prot: P51681NCBI Protein: NP_000570.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

Application Details

Predicted MW: 41kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from Mouse liver tissue using CCR5(CD195) Antibody #21666.

Background

Receptor for a number of inflammatory CC-chemokines including MIP-1-a, 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. Acts as a coreceptor (CD4 being the primary receptor) for HIV-1 R5 isolates.

Samson M., Labbe O., Mollereau C. Biochemistry 35:3362-3367(1996)

Raport C.J., Gosling J., Schweichart V.L. J. Biol. Chem. 271:17161-17166(1996)

Combadiere C., Ahuja S.K., Tiffany H.L., Murphy P.M.J. Leukoc. Biol. 60:147-152(1996)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.