

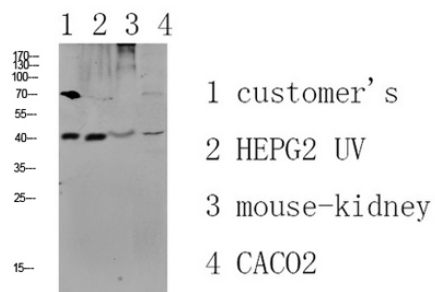


Product name:	CCR5 rabbit Polyclonal Antibody
Cat number:	ABE8888
Conjugate:	unconjugated
Host:	Rabbit
Size:	100 ug
Synonyms:	C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (CCR5) (CHEMR13) (HIV-1 fusion coreceptor) (CD antigen CD195)
Clone:	Polyclonal
Concentration:	1 mg/ml
Isotype:	IgG
Immunogen:	Synthesized peptide derived from human CCR5 Polyclonal
Reactivity:	Human;Mouse;Rat
Applications:	WB 1:500-2000, ELISA 1:10000-20000
Molecular Weight:	40kD
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Background:	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 chemok
Form:	liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage:	-20°C/1 year

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Western blot analysis of various lysate,
antibody was diluted at 1000.
Secondary antibody was diluted at
1:20000

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