

Rabbit anti-Mouse, Rat CCR2 Polyclonal Antibody | anti-Ccr2 antibody

Anti-CCR2 Antibody

CATALOG # AAA125392	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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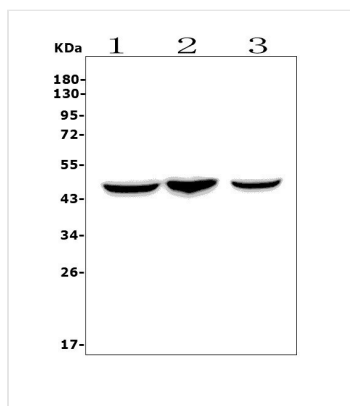
PRODUCT SYNONYMS

CCR2; Polyclonal Antibody; Anti-CCR2 Antibody; C-C chemokine receptor type 2; C-C CKR-2; CC-CKR-2; CCR-2; JE/FIC receptor; MCP-1 receptor; CD192; Ccr2; Cmkbr2; anti-Ccr2 antibody

PRODUCT SPECIFICATIONS

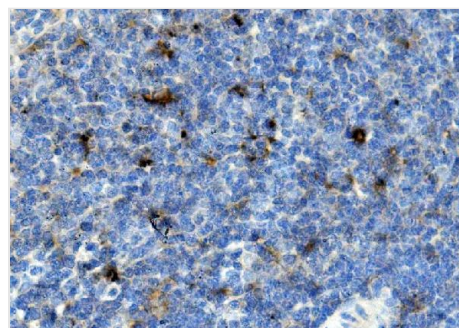
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	373
Applicable Applications for anti-Ccr2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence of mouse CCR2(RKHI AKRLCKQCPVFYRETADR).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES

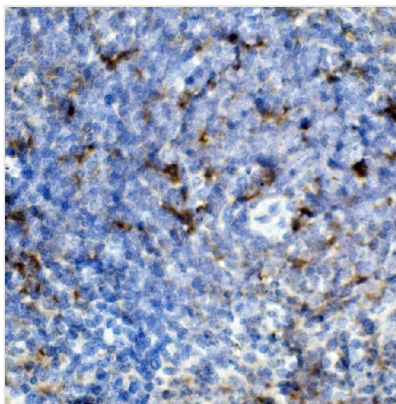


WB (Western Blot)

Figure 1. Western blot analysis of Ccr2 using anti-Ccr2 antibody.



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)

ADDITIONAL INFORMATION

Related Product Information for anti-Ccr2 antibody	Description: Rabbit IgG polyclonal antibody for CCR2 detection. Tested with WB, IHC-P in Mouse; Rat. Background: C-C chemokine receptor type 2 (CCR2 or CD192 (cluster of differentiation 192) is a protein that in humans is encoded by the CCR2 gene. CCR2 is a chemokine receptor. It is mapped to 9 F4; 9 75.05 cM. The protein encoded by this gene is a receptor for monocyte chemoattractant protein-1, a chemokine which specifically mediates monocyte chemotaxis. Monocyte chemoattractant protein-1 is involved in monocyte infiltration in inflammatory diseases such as rheumatoid arthritis as well as in the inflammatory response against tumors. The encoded protein mediates agonist-dependent calcium mobilization and inhibition of adenylyl cyclase. This protein can also be a coreceptor with CD4 for HIV-1 infection.
References	1. Abbadie, C., Lindia, J. A., Cumiskey, A. M., Peterson, L. B., Mudgett, J. S., Bayne, E. K., DeMartino, J. A., MacIntyre, D. E., Forrest, M. J. Impaired neuropathic pain responses in mice lacking the chemokine receptor CCR2. <i>Proc. Nat. Acad. Sci.</i> 100: 7947-7952, 2003. 2. Boring, L., Gosling, J., Cleary, M., Charo, I. F. Decreased lesion formation in CCR2 ^{-/-} mice reveals a role for chemokines in the initiation of atherosclerosis. <i>Nature</i> 394: 894-897, 1998. 3. Daugherty, B. L., Springer, M. S. The beta-chemokine receptor genes CCR1 (CMKBR1), CCR2 (CMKBR2), and CCR3 (CMKBR3) cluster within 285 kb on human chromosome 3p21. <i>Genomics</i> 41: 294-295, 1997.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6753466
NCBI GeneID	12772
NCBI Accession #	NP_034045.1
NCBI GenBank Nucleotide #	NP_034045.1
UniProt Accession #	P51683
NCBI Official Full Name	C-C chemokine receptor type 2
NCBI Official Synonym Full Names	chemokine (C-C motif) receptor 2
NCBI Official Symbol	Ccr2
NCBI Official Synonym Symbols	Ckr2; Ccr2a; Ccr2b; Ckr2a; Ckr2b; mJe-r; Cmkbr2; Cc-ckr-2
NCBI Protein Information	C-C chemokine receptor type 2
UniProt Protein Name	C-C chemokine receptor type 2
UniProt Gene Name	Ccr2
UniProt Synonym Gene Names	Cmkbr2; C-C CKR-2; CC-CKR-2; CCR-2; CCR2
UniProt Entry Name	CCR2_MOUSE

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://www.aaabiotech.com/polyclonal/ccr2-antibody-immunohistochemistry-western-blot-elisa/125392>