

Rabbit CCR6 Polyclonal Antibody | anti-CCR6 antibody

Anti-CCR6 Antibody

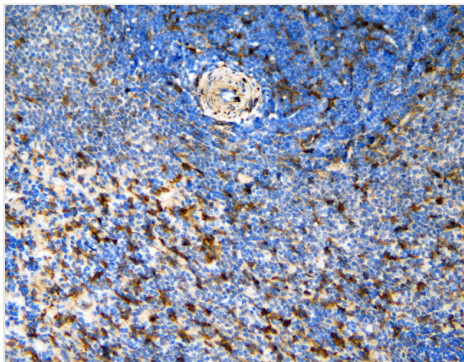
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125411	Rabbit	Human, Mouse, Rat	Immunohistochemistry

PRODUCT SYNONYMS

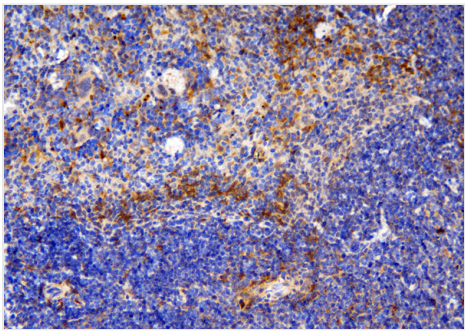
CCR6; Polyclonal Antibody; Anti-CCR6 Antibody; C-C chemokine receptor type 6; C-C CKR-6; CC-CKR-6; CCR-6; Chemokine receptor-like 3; CKR-L3; DRY6; G-protein coupled receptor 29; GPR-CY4; GPRCY4; LARC receptor; CD196; CKRL3; CMKBR6; GPR29; STRL22; anti-CCR6 antibody

PRODUCT SPECIFICATIONS

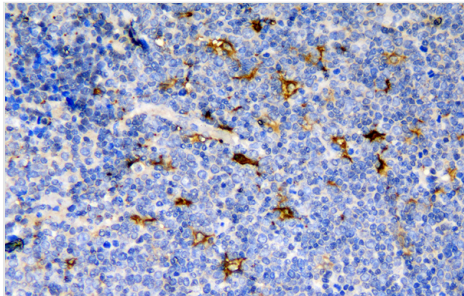
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Sequence Length	374
Applicable Applications for anti-CCR6 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to a sequence of human CCR6(SLQEVQRQFSRLFVPIAY).
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.



IHC (Immunohistochemistry)
Figure 3. IHC analysis of CCR6 using anti-CCR6 antibody.CCR6 was detected in paraffin-embedded section of rat spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/ml rabbit anti-CCR6 Antibody overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of CCR6 using anti-CCR6 antibody.CCR6 was detected in paraffin-embedded section of mouse spleen tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/ml rabbit anti-CCR6 Antibody overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.



IHC (Immunohistochemistry)
Figure 1. IHC analysis of CCR6 using anti-CCR6 antibody.CCR6 was detected in paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1 μ g/ml rabbit anti-CCR6 Antibody overnight at 4 degree C. Biotinylated goat anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using Streptavidin-Biotin-Complex (SABC) with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-CCR6 antibody	Description: Rabbit IgG polyclonal antibody for CCR6 detection. Tested with IHC-P in Human; Mouse; Rat. Background: Chemokine receptor 6 also known as CCR6 is a CC chemokine receptor protein which in humans is encoded by the CCR6 gene. It is mapped to 6q27. 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. The gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene.
References	1. Bracke, K. R., D'hulst, A. I., Maes, T., Moerloose, K. B., Demedts, I. K., Lebecque, S., Joos, G. F., Brusselle, G. G. Cigarette smoke-induced pulmonary inflammation and emphysema are attenuated in CCR6-deficient mice. <i>J. Immun.</i> 177: 4350-4359, 2006. 2. Homey, B., Dieu-Nosjean, M.-C., Wiesenborn, A., Massacrier, C., Pin, J.-J., Oldham, E., Catron, D., Buchanan, M. E., Muller, A., de Waal Malefyt, R., Deng, G., Orozco, R., Ruzicka, T., Lehmann, P., Lebecque, S., Caux, C., Zlotnik, A. Up-regulation of macrophage inflammatory protein-3-alpha/CCL20 and CC chemokine receptor 6 in psoriasis. <i>J. Immun.</i> 164: 6621-6632, 2000. 3. Klose, C. S. N., Kiss, E. A., Schwierzeck, V., Ebert, K., Hoyler, T., d'Hargues, Y., Goppert, N., Croxford, A. L., Waisman, A., Tanriver, Y., Diefenbach, A. A T-bet gradient controls the fate and function of CCR6(-)ROR-gamma-t(+) innate lymphoid cells. <i>Nature</i> 494: 261-265, 2013.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37188165
NCBI GeneID	1235
NCBI Accession #	NP_113597.2
NCBI GenBank Nucleotide #	NP_113597.2
UniProt Accession #	P51684
NCBI Official Full Name	C-C chemokine receptor type 6
NCBI Official Synonym Full Names	C-C motif chemokine receptor 6
NCBI Official Symbol	CCR6
NCBI Official Synonym Symbols	BN-1; DCR2; DRY6; CCR-6; CD196; CKRL3; GPR29; CKR-L3; CMKBR6; GPRCY4; STRL22; CC-CKR-6; C-C CKR-6
NCBI Protein Information	C-C chemokine receptor type 6
UniProt Protein Name	C-C chemokine receptor type 6
UniProt Gene Name	CCR6
UniProt Synonym Gene Names	CKRL3; CMKBR6; GPR29; STRL22; C-C CKR-6; CC-CKR-6; CCR-6; CKR-L3; GPRCY4
UniProt Entry Name	CCR6_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ccr6-antibody-immunohistochemistry-elisa/125411>