



## Rabbit Anti-CCR3 antibody

SL1167R

<b>Product Name:</b>	CCR3
<b>Chinese Name:</b>	细胞表面Chemokine受体3抗体
<b>Alias:</b>	CCR-3; CC chemokine receptor 3; Chemokine (C-C motif) receptor 3; MIP-1 alpha receptor like-2; B chemokine receptor; b-chemokine receptor; C C chemokine receptor type 3; C C CKR 3; C-C chemokine receptor type 3; CC chemokine receptor type 3; CC CKR 3; CC R3; CCCKR3; CCR 3; CCR3; CCR3_HUMAN; CD 193; CD193 antigen; chemokine (C-C motif) receptor 3; Chemokine (CC) receptor 1 like 2; Chemokine CC motif receptor 3; Chemokine receptor 3; CK R3; CKR 3; CMKB R3; CMKBR 3; CMKBR1L2; CMKBR3; Eosinophil CC chemokine receptor 3; Eosinophil eotaxin receptor; Eotaxin receptor; Macrophage inflammatory protein 1 alpha receptor like 2; MGC102841; MIP1 Alpha RL2; Probable C-C chemokine receptor type 3; C-C CKR-3; CC-CKR-3; CCR-3; CKR3; Macrophage inflammatory protein 1-alpha receptor-like 2; MIP-1 alpha RL2; CD193.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human, Mouse, Rat, Dog, Cow,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	41kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CCR-3:251-355/355
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year

	when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3(CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants encoding the same protein have been described.</p> <p><b>Function:</b> Receptor for a C-C type chemokine. Binds to eotaxin, eotaxin-3, MCP-3, MCP-4, RANTES and MIP-1 delta. Subsequently transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.</p> <p><b>Subunit:</b> Binds to HIV-1 Tat.</p> <p><b>Subcellular Location:</b> Cell membrane; Multi-pass membrane protein.</p> <p><b>Tissue Specificity:</b> In eosinophils as well as trace amounts in neutrophils and monocytes.</p> <p><b>Similarity:</b> Belongs to the G-protein coupled receptor 1 family.</p> <p><b>SWISS:</b> P51677</p> <p><b>Gene ID:</b> 1232</p> <p><b>Database links:</b></p> <p><a href="#">Entrez Gene: 1232</a>Human</p> <p><a href="#">Entrez Gene: 12771</a>Mouse</p> <p><a href="#">Entrez Gene: 117027</a>Rat</p> <p><a href="#">Omin: 601268</a>Human</p> <p><a href="#">SwissProt: P51677</a>Human</p>

[SwissProt: P51678](#)Mouse

[SwissProt: O54814](#)Rat

[Unigene: 506190](#)Human

[Unigene: 57050](#)Mouse

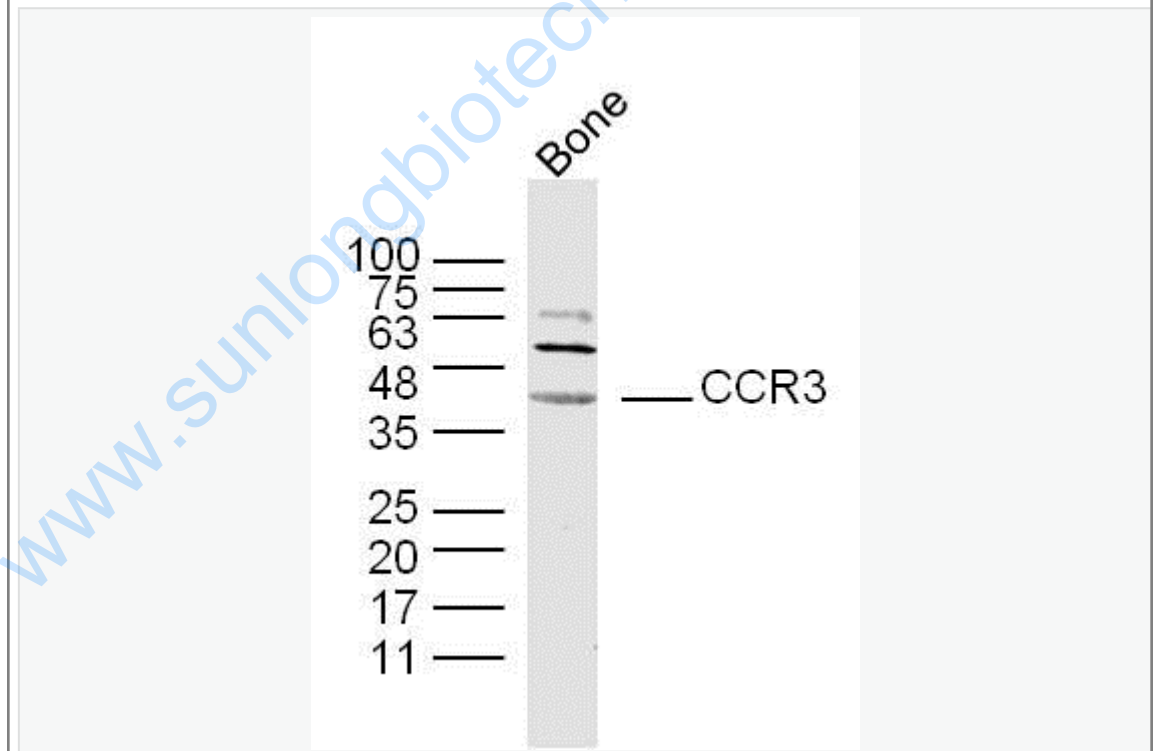
[Unigene: 9890](#)Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Chemokine受体3(CCR3)主要在嗜酸粒细胞, Th2lymphocyte, 肥大细胞, 支气管epithelial cells上表达, CCR3介导嗜酸粒细胞内有丝分裂原活化蛋白激酶(MAPK)细胞外信号调节激酶-2(ERK2)、p38和JNK的活化。

Picture:



Sample:

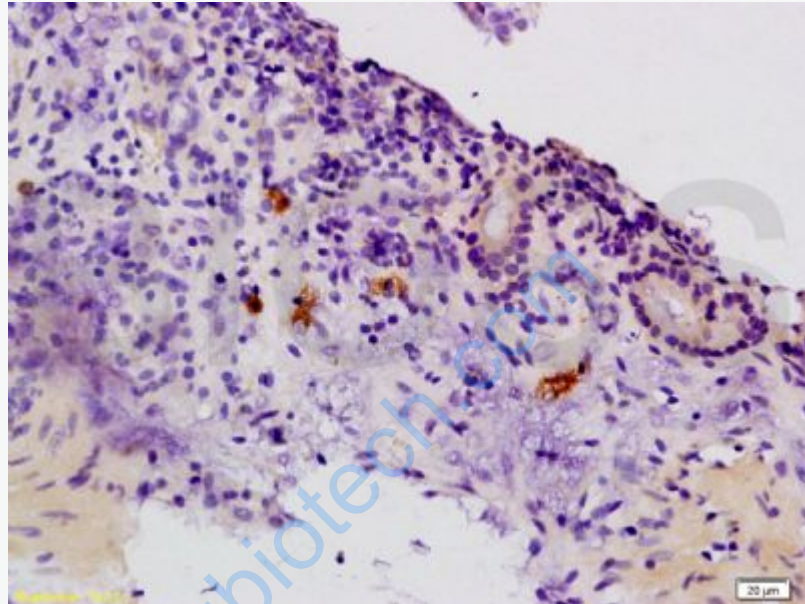
Bone (Mouse) Lysate at 40 ug

Primary: Anti- CCR3 (SL1167R) at 1/300 dilution

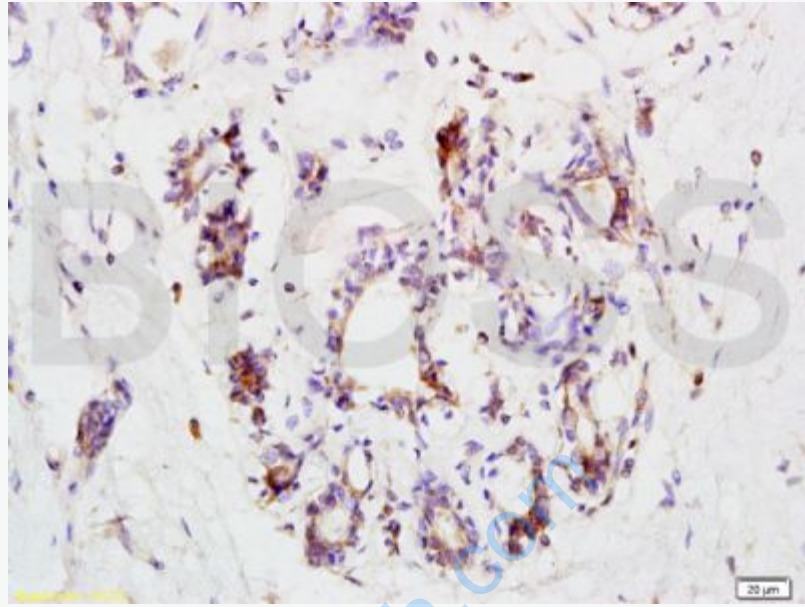
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 41 kD

Observed band size: 41 kD



Tissue/cell: rat colitis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;  
Incubation: Anti-CCR3 Polyclonal Antibody, Unconjugated(SL1167R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CCR3 Polyclonal Antibody, Unconjugated(SL1167R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining