



Rabbit Anti-CCR4 antibody

SL1168R

Product Name:	CCR4
Chinese Name:	细胞表面Chemokine受体4抗体
Alias:	CC chemokine receptor 4; chemokine (C-C motif) receptor 4; CC-CKR-4; CCR-4; CD194; CHEMOKINE CC4 RECEPTOR; CHEMR1; ChemR13; CKR4; CMKBR4; HGCN:14099; K5-5; LESTR; MGC151418; MGC88293; nocturnin, Sdf1r; chemokine C C motif receptor 4; ChemR13; CCR4_HUMAN; C-C chemokine receptor type 4; C-C CKR-4; CCR-4; CCR4; K5-5; CD 194; CD-194.
文献引用 PubMed :	Specific References(1) SL1168R has been referenced in 1 publications. [IF=4.20]Ge, L. P., et al. "Integration of nondegradable polystyrene and degradable gelatin in a core-sheath nanofibrous patch for pelvic reconstruction." International Journal of Nanomedicine 2015;10 3193-3201IHC-P;Rat. PubMed:25995629
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
Applications:	ELISA=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.
Molecular weight:	40kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CCR-4:201-300/360<Cytoplasmic>
Lsotype:	IgG
Purification:	affinity purified by Protein A

Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	<p>The protein encoded by this gene belongs to the G-protein-coupled receptor family . It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. [provided by RefSeq, Jul 2008]</p> <p>Function: High affinity receptor for the C-C type chemokines CCL17/TARC and CCL22/MDC. The activity of this receptor is mediated by G(i) proteins which activate a phosphatidylinositol-calcium second messenger system. Can function as a chemoattractant homing receptor on circulating memory lymphocytes and as a coreceptor for some primary HIV-2 isolates. In the CNS, could mediate hippocampal-neuron survival.</p> <p>Subcellular Location: Cell membrane; Multi-pass membrane protein.</p> <p>Tissue Specificity: Predominantly expressed in the thymus, in peripheral blood leukocytes, including T-cells, mostly CD4+ cells, and basophils, and in platelets; at lower levels, in the spleen and in monocytes. Detected also in macrophages, IL-2-activated natural killer cells and skin-homing memory T-cells, mostly the ones expressing the cutaneous lymphocyte antigen (CLA). Expressed in brain microvascular and coronary artery endothelial cells.</p> <p>Post-translational modifications: In natural killer cells, CCL22 binding induces phosphorylation on yet undefined Ser/Thr residues, most probably by beta-adrenergic receptor kinases 1 and 2.</p> <p>Similarity: Belongs to the G-protein coupled receptor 1 family.</p> <p>SWISS: P51679</p> <p>Gene ID: 1233</p> <p>Database links:</p>

[Entrez Gene: 1233](#) Human

[Entrez Gene: 12773](#) Mouse

[GenBank: NP_005499.1](#) Human

[Omim: 604836](#) Human

[SwissProt: P51679](#) Human

[SwissProt: P51680](#) Mouse

[Unigene: 184926](#) Human

[Unigene: 1337](#) Mouse

Important Note:

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

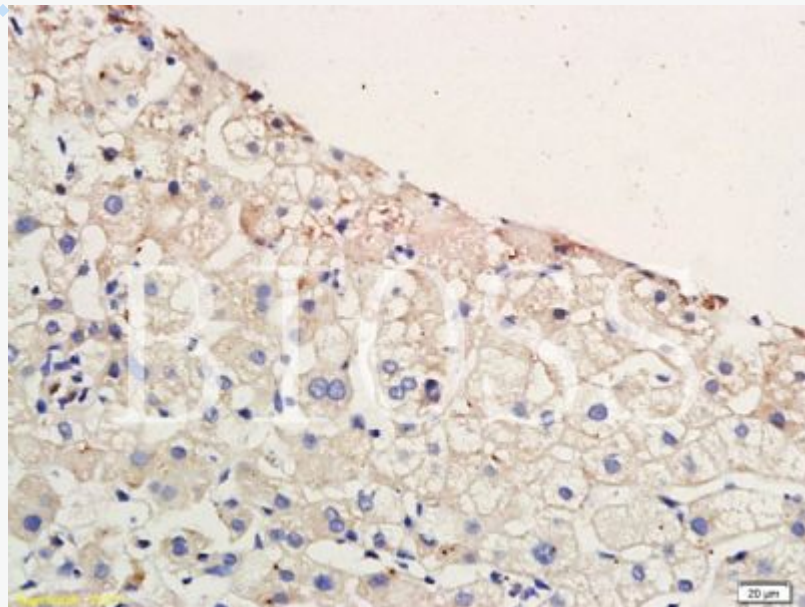
Chemokine是当今cell factorResearch

Area的热点之一,它参与多种免疫及炎症反应,在感染、Tumour的生长与转移、组织修复及创伤愈合等病理生理过程中发挥重要作用.

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C型Chemokine受体4(CCR4)在Th2细胞表面有大量表达.CCR4在Tumour的生长与转移方面起到一定的作用。

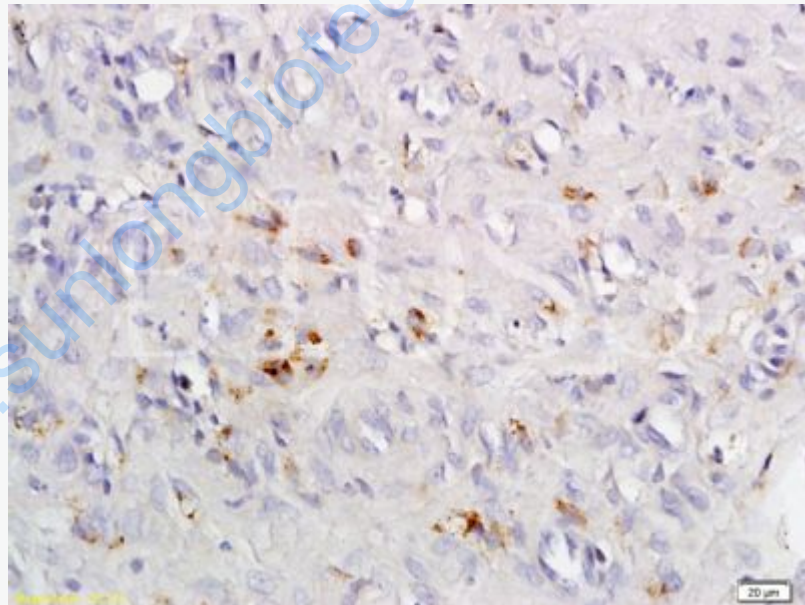
Picture:



Tissue/cell: human hepatitides 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-CCR4 Polyclonal Antibody, Unconjugated(SL1168R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat exfoliated cells; 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;

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