10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCR4 Antibody (Extracellular Domain)
Goat Polyclonal Antibody
Catalog # ALS13112

Specification

CCR4 Antibody (Extracellular Domain) - Product Information

Application	**IHC**
Primary Accession	P51679
Reactivity	**Human, Monkey**
Host	**Goat**
Clonality	**Polyclonal**
Calculated MW	**41kDa KDa**

CCR4 Antibody (Extracellular Domain) - Additional Information

Gene ID 1233

Other Names
C-C chemokine receptor type 4, C-C CKR-4, CC-CKR-4, CCR-4, CCR4, K5-5, CD194, CCR4, CMKBR4

Target/Specificity
Peptide sequence is <50% identical to other chemokine receptors in this region.

Reconstitution & Storage
Long term: -70°C; Short term: -20°C; Avoid freeze-thaw cycles.

Precautions
CCR4 Antibody (Extracellular Domain) is for research use only and not for use in diagnostic or therapeutic procedures.

CCR4 Antibody (Extracellular Domain) - Protein Information

Name CCR4

Synonyms CMKBR4

Function
High affinity receptor for the C-C type chemokines CCL17/TARC, CCL22/MDC and CKLF isoform 1/CKLF1. 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.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
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 (PubMed:10754297, PubMed:9169480). 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 (PubMed:10754297).

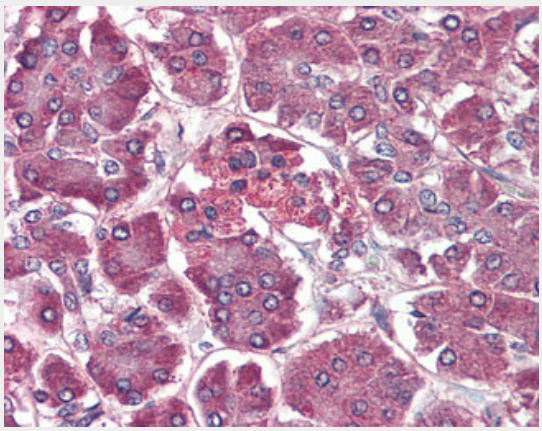
Volume
50 µl

CCR4 Antibody (Extracellular Domain) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCR4 Antibody (Extracellular Domain) - Images



Anti-CCR4 antibody IHC of human pancreas.

CCR4 Antibody (Extracellular Domain) - Background

High affinity receptor for the C-C type chemokines CCL17/TARC, CCL22/MDC and CKLF isoform 1/CKLF1. 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.

CCR4 Antibody (Extracellular Domain) - References

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