

# **CKR-4 Polyclonal Antibody**

**Catalog # AP73473** 

# **Specification**

# **CKR-4 Polyclonal Antibody - Product Information**

Application WB, IHC-P Primary Accession P51679

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

# **CKR-4 Polyclonal Antibody - Additional Information**

**Gene ID 1233** 

**Other Names** 

CCR4; CMKBR4; C-C chemokine receptor type 4; C-C CKR-4; CC-CKR-4; CCR-4; CCR4; K5-5; CD194

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-300 ELISA: 1/20000. Not yet tested in other applications. IHC-P~ $\sim$ N/A

#### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

### **Storage Conditions**

-20°C

#### **CKR-4 Polyclonal Antibody - 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



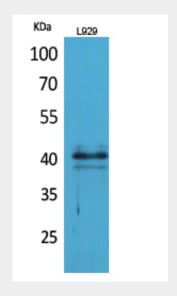
(PubMed:10754297, PubMed:9169480). Detected also in macrophages, IL-2-activated natural killer cells and skin-homing memory T-cells, mostly the ones expressing the cutaneous lymphocyte antigen (CLA). Expressed in brain microvascular and coronary artery endothelial cells (PubMed:10754297).

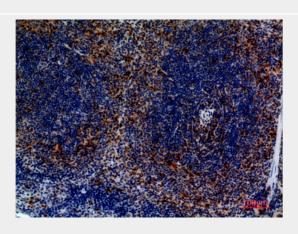
# **CKR-4 Polyclonal Antibody - Protocols**

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

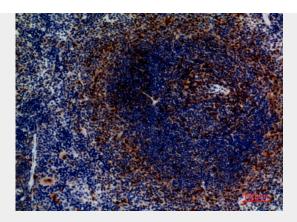
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **CKR-4 Polyclonal Antibody - Images**









**CKR-4 Polyclonal Antibody - Background** 

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