

CCL17 Antibody(C-term) Blocking peptide
Synthetic peptide
Catalog # BP19649b**Specification**

CCL17 Antibody(C-term) Blocking peptide - Product InformationPrimary Accession [Q92583](#)**CCL17 Antibody(C-term) Blocking peptide - Additional Information****Gene ID** 6361**Other Names**

C-C motif chemokine 17, CC chemokine TARC, Small-inducible cytokine A17, Thymus and activation-regulated chemokine, CCL17, SCYA17, TARC

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

CCL17 Antibody(C-term) Blocking peptide - Protein Information**Name** CCL17**Synonyms** SCYA17, TARC**Function**

Chemokine, which displays chemotactic activity for T lymphocytes, preferentially Th2 cells, but not monocytes or granulocytes. Therefore plays an important role in a wide range of inflammatory and immunological processes (PubMed:8702936, PubMed:9169480). Acts by binding to CCR4 at T-cell surface (PubMed:9169480, PubMed:10540332). Mediates GM-CSF/CSF2-driven pain and inflammation (PubMed:27525438). In the brain, required to maintain the typical, highly branched morphology of hippocampal microglia under homeostatic conditions. May be important for the appropriate adaptation of microglial morphology and synaptic plasticity to acute lipopolysaccharide (LPS)-induced neuroinflammation (By similarity). Plays a role in wound healing, mainly by inducing fibroblast migration into the wound (By similarity).

Cellular Location

Secreted

Tissue Location

Constitutively expressed in thymus. Detected at lower levels in the lung, colon and small intestine (PubMed:8702936) Expressed in stimulated peripheral blood mononuclear cells, but not in resting cells (PubMed:8702936).

CCL17 Antibody(C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

CCL17 Antibody(C-term) Blocking peptide - Images**CCL17 Antibody(C-term) Blocking peptide - Background**

This gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene displays chemotactic activity for T lymphocytes, but not monocytes or granulocytes. The product of this gene binds to chemokine receptors CCR4 and CCR8. This chemokine plays important roles in T cell development in thymus as well as in trafficking and activation of mature T cells.

CCL17 Antibody(C-term) Blocking peptide - References

Dallos, T., et al. Arthritis Rheum. 62(11):3496-3503(2010) Maruyama, T., et al. Dis. Esophagus 23(5):422-429(2010) Schuurhof, A., et al. Pediatr. Pulmonol. 45(6):608-613(2010) Davila, S., et al. Genes Immun. 11(3):232-238(2010) Narbutt, J., et al. Mediators Inflamm. 2009, 269541 (2009) :