

CCL25 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP16140c**Specification**

CCL25 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O15444](#)

CCL25 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 6370

Other Names

C-C motif chemokine 25, Chemokine TECK, Small-inducible cytokine A25, Thymus-expressed chemokine, CCL25, SCYA25, TECK

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.

CCL25 Antibody (Center) Blocking Peptide - Protein Information

Name CCL25

Synonyms SCYA25, TECK

Function

Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritic cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Isoform 2 is an antagonist of isoform 1. Binds to atypical chemokine receptor ACKR4 and mediates the recruitment of beta-arrestin (ARRB1/2) to ACKR4.

Cellular Location

Secreted.

Tissue Location

Specifically expressed by thymic dendritic cells. High levels in thymus and small intestine

CCL25 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

CCL25 Antibody (Center) Blocking Peptide - Images

CCL25 Antibody (Center) Blocking Peptide - Background

This gene belongs to the subfamily of small cytokine CCgenes. 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 dendritic cells, thymocytes, and activated macrophages but is inactive on peripheral blood lymphocytes and neutrophils. The product of this gene binds to chemokine receptor CCR9.

CCL25 Antibody (Center) Blocking Peptide - References

Schuurhof, A., et al. *Pediatr. Pulmonol.* 45(6):608-613(2010) Davila, S., et al. *Genes Immun.* 11(3):232-238(2010) Wang, Y., et al. *Cell. Mol. Immunol.* 7(1):51-60(2010) Yokoyama, K., et al. *Nephron Clin Pract* 115 (4), C237-C243 (2010) :Siezen, C.L., et al. *Pediatr. Infect. Dis. J.* 28(4):333-335(2009)