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Anti-CCL17/TARC Antibody
Catalog # ABO11755

Specification

Anti-CCL17/TARC Antibody - Product Information

Application	**WB, E**
Primary Accession	Q9WUZ6
Host	**Rabbit**
Reactivity	**Mouse**
Clonality	**Polyclonal**
Format	**Lyophilized**

Description
Rabbit IgG polyclonal antibody for C-C motif chemokine 17(CCL17) detection. Tested with WB, ELISA in Mouse.

Reconstitution
Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-CCL17/TARC Antibody - Additional Information

Gene ID 20295

Calculated MW
10467 MW KDa

Application Details
Western blot, 0.1-0.5 µg/ml, Mouse, -
ELISA , 0.1-0.5 µg/ml, Mouse

Subcellular Localization
Secreted .

Protein Name
C-C motif chemokine 17

Contents
Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.

Immunogen
E.coli-derived mouse TARC recombinant protein (Position: A34-P103). Mouse TARC shares 71% amino acid (aa) sequence identity with human TARC.

Purification
Immunogen affinity purified.

Cross Reactivity
No cross reactivity with other proteins

Storage	**At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be**

aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.

Anti-CCL17/TARC Antibody - Protein Information

Name Ccl17

Synonyms Tarc {ECO:0000303|PubMed:10508243}

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:10508243, PubMed:10508268). Acts by binding to CCR4 at T-cell surface (By similarity). 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 (PubMed:30277599). Plays a role in wound healing, mainly by inducing fibroblast migration into the wound (PubMed:21521373).

Cellular Location
Secreted

Tissue Location
Expressed in primary and secondary lymphoid organs, where it is specifically produced by a subset of dendritic cells. Not expressed in the spleen (PubMed:12615900). Constitutively expressed in thymus, as well as in the lung, skin and intestine (PubMed:10508243, PubMed:10508268, PubMed:12615900). Not expressed in bone marrow-derived macrophages and activated B cells, nor in thymocytes (PubMed:10508243, PubMed:10508268). In the brain, predominantly expressed in a subset of hippocampal CA1 neurons (PubMed:30277599)

Anti-CCL17/TARC Antibody - 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

Anti-CCL17/TARC Antibody - Images

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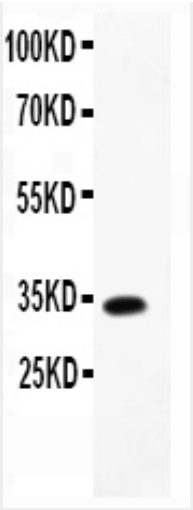

Anti-TARC Picoband antibody, ABO11755-1.jpgAll lanes: Anti-TARC(ABO11755) at 0.5ug/mlWB: Recombinant Mouse TARC Protein 0.5ngPredicted bind size: 34KDObserved bind size: 34KD

Anti-CCL17/TARC Antibody - Background

Chemokine (C-C motif) ligand 17 (CCL17) is a small cytokine belonging to the CC chemokine family that is also known as thymus and activation regulated chemokine (TARC). CCL17 is expressed constitutively in thymus, but only transiently in phytohemagglutinin-stimulated peripheral blood mononuclear cells. This chemokine specifically binds and induces chemotaxis in T cells and elicits its effects by interacting with the chemokine receptor CCR4. The gene for CCL17 is located on chromosome 16, in humans, along with other chemokines called CCL22 and CX3CL1. The standard used in this kit is recombinant human CCL17, consisting of 71 amino acids with the molecular weight of 8Kda.