



Anti-CCL17 polyclonal antibody [Biotin] (DPABY-494)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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| Antigen Description | Thymus and activation-regulated chemokine (TARC) is a novel CC chemokine identified using a signal sequence trap method. Among CC chemokine family members, TARC has approximately 24 - 29% amino acid sequence identity with RANTES, MIP-1 alpha, MIP-1 beta, MCP-1, MCP-2, MCP-3 and I-309. TARC is constitutively expressed in thymus, and at a lower level in lung, colon, and small intestine. |
| Specificity | Detects mouse CCL17/TARC in ELISAs and Western blots. In sandwich immunoassays, less than 0.1% cross-reactivity with recombinant human (rh)TARC, rhI-309, recombinant mouse (rm)RANTES, rmMIP-1 alpha, rmMIP-1 beta and rhMCP-1, -2, -3 is observed. |
| Immunogen | E. coli-derived recombinant mouse CCL17/TARC. Ala24-Pro93 Accession Number Q9WUZ6 |
| Isotype | IgG |
| Source/Host | Goat |
| Species Reactivity | Mouse |
| Purification | Antigen Affinity-purified |
| Conjugate | Biotin |
| Applications | Western Blot, ELISA Detection (Matched Pair) |
| Format | Liquid |
| Size | 50 µg |
| Buffer | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein. |
| Preservative | None |

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| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. |
| | 12 months from date of receipt, -20 to -70 °C as supplied. |
| | 1 month, 2 to 8 °C under sterile conditions after reconstitution. |
| | 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

GENE INFORMATION

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| Gene Name | Ccl17 chemokine (C-C motif) ligand 17 [Mus musculus (house mouse)] |
| Official Symbol | CCL17 |
| Synonyms | CCL17; chemokine (C-C motif) ligand 17; Tarc; Abcd-2; Scya17; Scya17l; small inducible cytokine subfamily A17; |
| Entrez Gene ID | 20295 |
| Protein Refseq | NP_035462 |
| UniProt ID | F6R5P4 |
| Chromosome Location | 8 C5; 8 46.85 cM |
| Pathway | Chemokine receptors bind chemokines; Chemokine signaling pathway; Class A/1 (Rhodopsin-like receptors); Cytokine-cytokine receptor interaction; GPCR ligand binding; Peptide ligand-binding receptors; Signal Transduction; Signaling by GPCR; |
| Function | CCR4 chemokine receptor binding; chemokine activity; cytokine activity; |