

## ARG66050 anti-TECK antibody (Biotin)

Package: 50 µg  
Store at: 4°C

### Summary

|                     |   |
|---------------------|---|
| Product Description | Biotin-conjugated Rabbit Polyclonal antibody recognizes TECK  |
| Tested Reactivity   | Hu  |
| Tested Application  | ELISA, WB   |
| Host                | Rabbit  |
| Clonality           | Polyclonal  |
| Isotype             | IgG   |
| Target Name         | TECK  |
| Species             | Human   |
| Immunogen           | E. coli derived recombinant Human TECK.<br>(QGVFEDCCLA YHYPIGWAVL RRAWTYRIQE VSGSCNLPAA IFYLPKRHRK VCGNPKSREV QRAMKLLDAR<br>NKVFAKLHHN MQTFQAGPHA VKKLSSGNSK LSSSKFSNPI SSSRKNVSLI ISANSGL) |
| Conjugation         | Biotin  |
| Alternate Names     | Chemokine TECK; Ckb15; SCYA25; Thymus-expressed chemokine; Small-inducible cytokine A25; TECK; C-C motif chemokine 25   |

### Application Instructions

| Application table | Application  | Dilution   |
|-------------------|--|--|
|                   | ELISA  | Direct: 0.25 - 1.0 µg/ml<br>Sandwich: 0.25 - 1.0 µg/ml with ARG66049 as a capture antibody |
|                   | WB   | 0.1 - 0.2 µg/ml  |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |  |

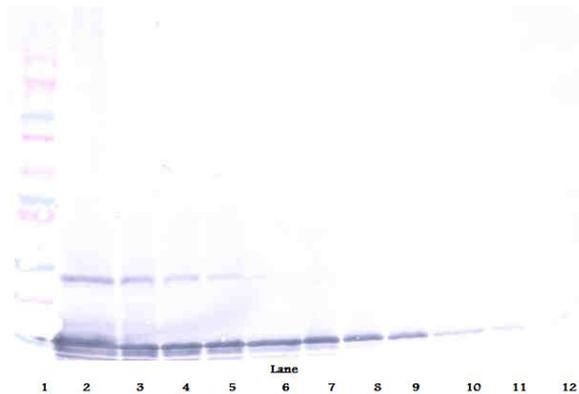
### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified by affinity chromatography.   |
| Buffer              | PBS (pH 7.2)   |
| Concentration       | 1 mg/ml  |
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note                | For laboratory research only, not for drug, diagnostic or other use.   |

## Bioinformation

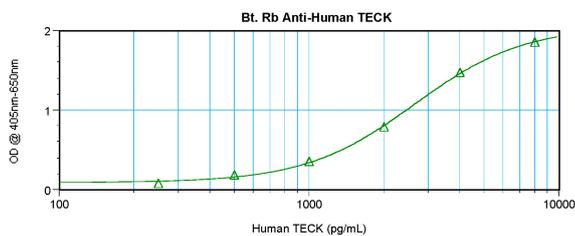
|                |  |
|----------------|--|
| Database links | <a href="#">GeneID: 6370 Human</a><br><a href="#">Swiss-port # O15444 Human</a>  |
| Gene Symbol    | CCL25  |
| Gene Full Name | chemokine (C-C motif) ligand 25  |
| Background     | This antimicrobial gene belongs to the subfamily of small cytokine CC genes. 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2014] |
| 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. [UniProt]  |
| Calculated Mw  | 17 kDa   |

## Images



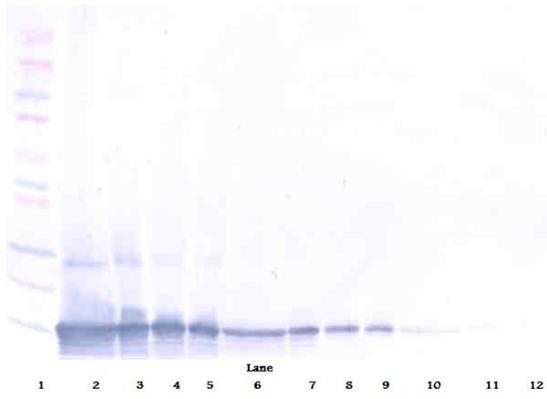
ARG66050 anti-TECK antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human TECK stained with ARG66050 anti-TECK antibody (Biotin), under non-reducing conditions.



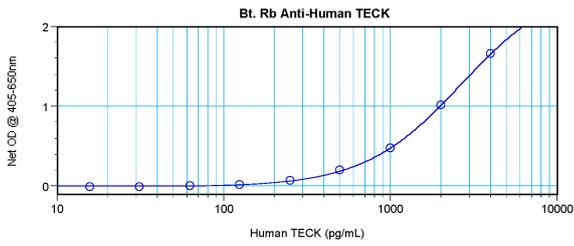
ARG66050 anti-TECK antibody (Biotin) standard curve image

Direct ELISA: ARG66050 anti-TECK antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66050 anti-TECK antibody (Biotin) WB image

Western blot: 250 - 0.24 ng of Human TECK stained with ARG66050 anti-TECK antibody (Biotin), under reducing conditions.



ARG66050 anti-TECK antibody (Biotin) standard curve image

Sandwich ELISA: ARG66050 anti-TECK antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG66049 anti-TECK antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.