



# CCR9 Polyclonal Antibody

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Catalog No</b>         | BYab-07367                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Reactivity</b>         | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Applications</b>       | WB;ELISA                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Gene Name</b>          | CCR9 GPR28                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Name</b>       | C-C chemokine receptor type 9 (C-C CKR-9) (CC-CKR-9) (CCR-9) (G-protein coupled receptor 28) (GPR-9-6) (CD antigen CDw199)                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>          | Synthesized peptide derived from human protein . at AA range: 140-220                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Specificity</b>        | CCR9 Polyclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Formulation</b>        | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>             | Polyclonal, Rabbit,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification</b>       | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                    |
| <b>Dilution</b>           | WB 1:500-2000 ELISA 1:5000-20000                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Concentration</b>      | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>             | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Storage Stability</b>  | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Observed Band</b>      | 40kD                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>       | Cell membrane ; Multi-pass membrane protein .                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Tissue Specificity</b> | Highly expressed in the thymus and low in lymph nodes and spleen.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Function</b>           | function:Receptor for chemokine SCYA25/TECK. Subsequently transduces a signal by increasing the intracellular calcium ions level. Alternative coreceptor with CD4 for HIV-1 infection.,miscellaneous:EC50 of SCYA25/TECK for isoform 1 is lower than for isoform 2.,online information:CC chemokine receptors entry,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Highly expressed in the thymus and low in lymph nodes and spleen., |
| <b>Background</b>         | The protein encoded by this gene is a member of the beta chemokine receptor family. It is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. Chemokines and their receptors are key regulators of the thymocytes migration and maturation in normal and inflammation conditions. The specific ligand of this receptor is CCL25. It has been found that this gene is                                                                   |

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differentially expressed by T lymphocytes of small intestine and colon, suggested a role in the thymocytes recruitment and development that may permit functional specialization of immune responses in different segment of the gastrointestinal tract. This gene is mapped to the chemokine receptor gene cluster region. Two alternatively spliced transcript variants have been described. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],

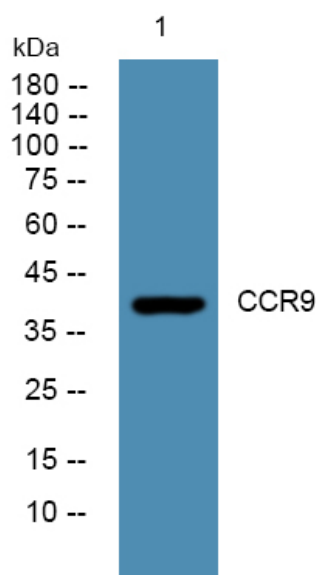
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night