

## RANTES/CCL5 Rabbit Polyclonal Antibody

### Catalog #: EAB13948

| Host/Isotype | Clonality  | Applications | MW (kDa) | Reactivity |
|--------------|------------|--------------|----------|------------|
| Rabbit IgG   | Polyclonal | WB           | 9        | Human      |

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**WB**(Western Blotting) 1:500-2000

### Product Information

|                       |                                                                                                                                        |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conjugate</b>      | Unconjugate                                                                                                                            |
| <b>Specificity</b>    | RANTES/CCL5 Rabbit Polyclonal Antibody detects endogenous levels of RANTES/CCL5 protein.                                               |
| <b>Purification</b>   | Affinity purification                                                                                                                  |
| <b>Concentration</b>  | 1mg/ml                                                                                                                                 |
| <b>Format</b>         | Liquid                                                                                                                                 |
| <b>Formulation</b>    | In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol                                                               |
| <b>Shipping</b>       | Gel Pack                                                                                                                               |
| <b>Storage</b>        | Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks |
| <b>UniProt ID</b>     | <a href="#">P13501</a>                                                                                                                 |
| <b>Entrez-Gene Id</b> | <a href="#">6352</a>                                                                                                                   |

### Product Description

This gene is one of several chemokine genes clustered on the q-arm of chromosome 17. Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of the N-terminal cysteine residues of the mature peptide. This chemokine, a member of the CC subfamily, functions as a chemoattractant for blood monocytes, memory T helper cells and eosinophils. It causes the release of histamine from basophils and activates eosinophils. This cytokine is one of the major HIV-suppressive factors produced by CD8+ cells. It functions as one of the natural ligands for the chemokine receptor chemokine (C-C motif) receptor 5 (CCR5), and it suppresses in vitro replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor. Alternative splicing results in multiple transcript variants that encode different isoforms.

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