

## DESCRIPTION

|                           |   |
|---------------------------|---|
| <b>Species Reactivity</b> | Rat   |
| <b>Specificity</b>        | Detects rat CCL26-like/Eotaxin-3-like in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant mouse CCL26-like is observed.                    |
| <b>Source</b>             | Polyclonal Goat IgG   |
| <b>Purification</b>       | Antigen Affinity-purified   |
| <b>Immunogen</b>          | <i>E. coli</i> -derived recombinant rat CCL26-like/Eotaxin-3-like<br>Thr24-Trp94<br>Accession # NP_001102958  |
| <b>Formulation</b>        | Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.<br>*Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS. |

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

|                     | <b>Recommended Concentration</b> | <b>Sample</b>                             |
|---------------------|----------------------------------|---|
| <b>Western Blot</b> | 0.1 µg/mL                        | Recombinant Rat CCL26-like/Eotaxin-3-like |

## PREPARATION AND STORAGE

|                                |  |
|--------------------------------|--|
| <b>Reconstitution</b>          | Reconstitute at 0.2 mg/mL in sterile PBS.  |
| <b>Shipping</b>                | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.<br>*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C   |
| <b>Stability &amp; Storage</b> | <b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>● 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul> |

## BACKGROUND

Chemokine (CC motif) ligand 26, also known as Eotaxin 3, is a human CC chemokine ligand that binds and signals via the chemokine receptor CCR3. Rat CCL26-like/Eotaxin 3-like is an 8.5 kDa orthologue of the human CCL26/eotaxin 3. It is a 94 amino acid (aa) residue protein with a 23 aa signal sequence and a 71 aa mature segment. It is presumed that rat CCL26-like/Eotaxin 3-like will bind CCR3 to induce eosinophil chemotaxis and transendothelial migration. Mature rat CCL26 shares 48%, 63%, and 48% aa sequence identity with the human, mouse and canine CCL26/Eotaxin 3, respectively.