Ccl5
Rabbit Anti-Rat RANTES pAb

Catalog No.	CPR000	**Quantity:**	0.5 mg

Alternate Names: Rantes, Scya5, small inducible cytokine A5

Description: This polyclonal antibody, which reacts with both mouse and rat RANTES, was generated using E. coli-expressed amino acid 1-70 of mature rat RANTES as an immunogen.

RANTES (regulated upon activation, normal T-cell expressed and secreted) is a 70-amino acid CC chemokine originally cloned from T cell-specific sequences-enriched cDNA libraries. Both human and murine RANTES are chemotactic for monocytes. Human RANTES is also a chemoattractant for T cells and eosinophils, as well as an activator of basophils for histamine release. In contrast to other CC chemokines, RANTES is only slowly expressed after activation of leukocytes. It is involved in a number of pathological conditions like chronic inflammation and autoimmune diseases.

Gene ID: 81780

Specificity: Rat

Host: Rabbit

Immunogen: RANTES

Isotype: IgG

Formulation: Protein A purified rabbit IgG, 500 µg, with 0.1% sodium azide, lyophilized. **Precaution:** Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.
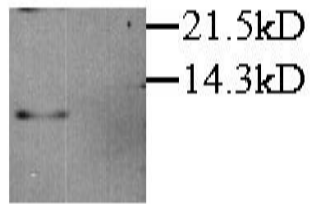
Reconstitution: Reconstitute to 1 mg/ml by adding 500 µl PBS.

Cross-Reactivity: Cross-reactivity to RANTES of other species has not been determined.

Applications: Western blot is 1:2,000.
immunohistochemistry is 1:100
and neutralizing

Storage & Stability: 4°C for short term storage or -20°C in small aliquots for long term storage. **Avoid repeated freeze and thaw cycles.**

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Rat RANTES detected by
Western blot in RAW264.7
cells treated with LPS (15 h).
1, lysate; 2, supernatant

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