

## RANTES rabbit pAb

Cat No.: ES7129

For research use only

## Overview

Product Name RANTES rabbit pAb

Host species Rabbit

Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

**Recommended dilutions** Immunohistochemistry: 1/100 - 1/300. ELISA:

1/40000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human RANTES. AA

range:35-84

**Specificity** RANTES Polyclonal Antibody detects endogenous

levels of RANTES protein.

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and

0.02% sodium azide.

**Storage** Store at -20°C. Avoid repeated freeze-thaw cycles.

Protein Name C-C motif chemokine 5

**Gene Name** CCL5 **Cellular localization** Secreted.

**Purification** The antibody was affinity-purified from rabbit

antiserum by affinity-chromatography using

epitope-specific immunogen.

Clonality Polyclonal Concentration 1 mg/ml

**Observed band** 

Human Gene ID 6352 Human Swiss-Prot Number P13501

Alternative Names CCL5; D17S136E; SCYA5; C-C motif chemokine 5;

EoCP; Eosinophil chemotactic cytokine; SIS-delta; Small-inducible cytokine A5; T cell-specific protein P228; TCP228; T-cell-specific protein RANTES This gene is one of several chemokine genes

**Background** This gene is one of several chemokine genes

clustered on the q-arm of chromosome 17.

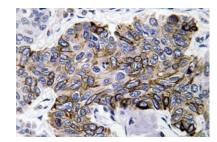
Chemokines form a superfamily of secreted proteins involved in immunoregulatory and inflammatory





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

Immunohistochemistry analysis of RANTES antibody in paraffin-embedded human lung carcinoma tissue.



+86-27-59760950

