

## CCL5 Antibody

Catalog No: #32935

Package Size: #32935-1 50ul #32935-2 100ul

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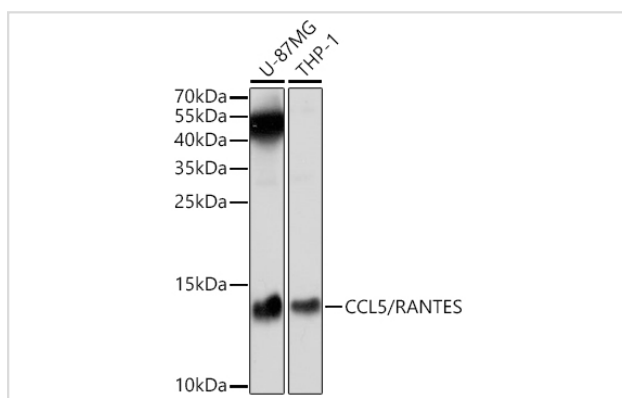
## Description

Product Name	CCL5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Specificity	The antibody detects endogenous level of total CCL5 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human CCL5/RANTES (NP_002976.2).
Target Name	CCL5
Other Names	CCL5;D17S136E;RANTES;SCYA5;SIS-delta;SISd;TCP228;eoCP
Accession No.	Uniprot:P13501GeneID:6352
SDS-PAGE MW	13kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:500 - 1:2000

## Images



Western blot analysis of extracts of various cell lines, using CCL5/RANTES antibody.

## 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 different isoforms.

## Published Papers

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el et al., Cancer-associated fibroblasts facilitate premetastatic niche formation through lncRNA SNHG5-mediated angiogenesis and vascular permeability in breast cancer. In *Theranostics* on 2022 Oct 17 by Huan Zeng, Yixuan Hou, et al..PMID:36438499, , (2022)

[PMID:36438499](#)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.