

## RANTES Rabbit mAb

Catalog No: #49661



Package Size: #49661-1 50ul #49661-2 100ul

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## Description

Product Name	RANTES Rabbit mAb
Clone No.	JM03-45
Purification	ProA affinity purified
Applications	WB, ICC, IF, IHC
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
Other Names	Beta chemokine RANTES antibody Beta chemokine RANTES precursor antibody C C motif chemokine 5 antibody CCL 5 antibody CCL5 antibody CCL5_HUMAN antibody Chemokine (C C motif) ligand 5 antibody Chemokine CC Motif Ligand 5 antibody D17S136E antibody EoCP antibody Eosinophil chemotactic cytokine antibody MGC17164 antibody RANTES(4-68) antibody Regulated upon activation normally T expressed and presumably secreted antibody SCYA 5 antibody SCYA5 antibody SIS delta antibody SIS-delta antibody SISd antibody Small inducible cytokine A5 (RANTES) antibody Small inducible cytokine A5 antibody Small inducible cytokine subfamily A (Cys Cys) member 5 antibody Small-inducible cytokine A5 antibody T cell specific protein p288 antibody T cell specific RANTES protein antibody T cell-specific protein P228 antibody T-cell-specific protein RANTES antibody TCP 228 antibody TCP228 antibody
Accession No.	Swiss-Prot#:P13501
Uniprot	P13501
GeneID	6352;
Calculated MW	10 kDa
Concentration	1 mg/ml
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

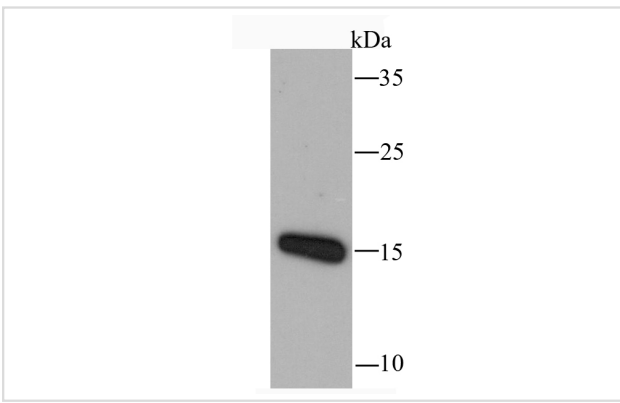
## Application Details

WB: 1:500-1:1,000

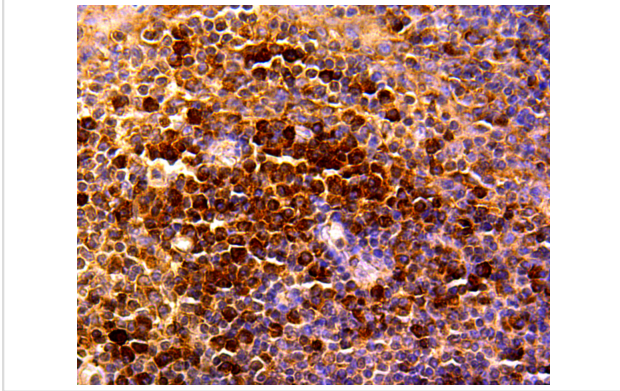
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

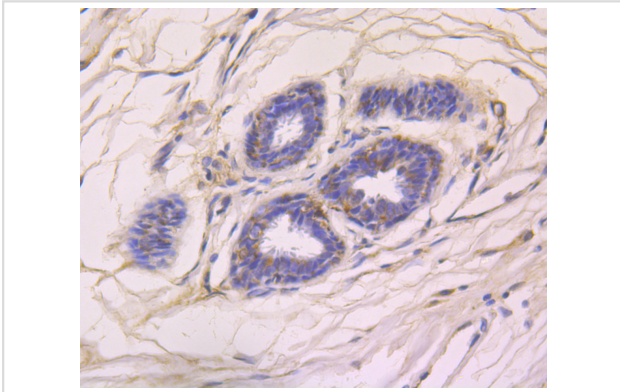
## Images



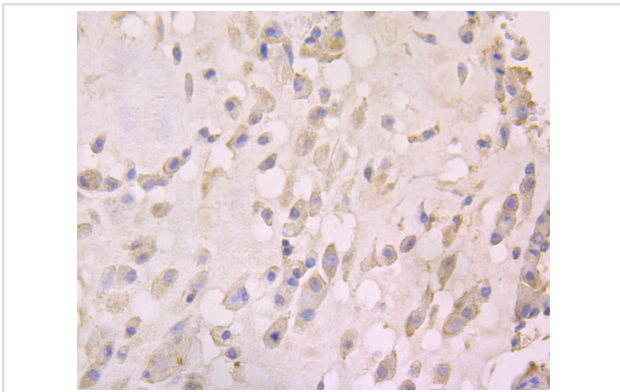
Western blot analysis of RANTES on mouse thymus tissue lysate using anti-RANTES antibody at 1/1,000 dilution.



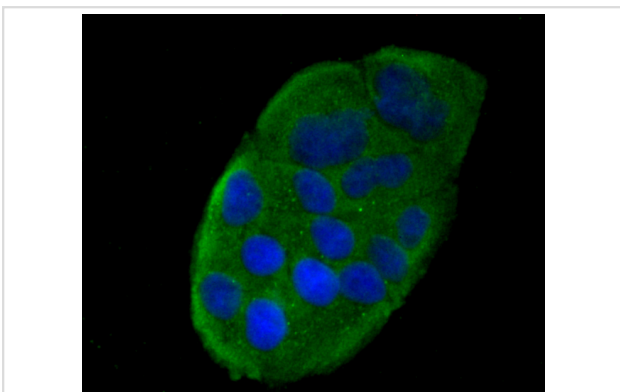
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-RANTES antibody. Counter stained with hematoxylin.



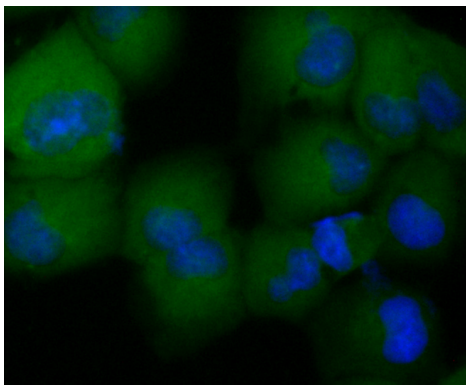
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using anti-RANTES antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-RANTES antibody. Counter stained with hematoxylin.



ICC staining RANTES in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining RANTES in HUVEC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

Chemoattractant for blood monocytes, memory T-helper cells and eosinophils. Causes the release of histamine from basophils and activates eosinophils. Binds to CCR1, CCR3, CCR4 and CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant RANTES protein induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form RANTES(3-68) acts as a natural chemotaxis inhibitor and is a more potent inhibitor of HIV-1-infection. The second processed form RANTES(4-68) exhibits reduced chemotactic and HIV-suppressive activity compared with RANTES(1-68) and RANTES(3-68) and is generated by an unidentified enzyme associated with monocytes and neutrophils.

Note: This product is for in vitro research use only