

For Research Use Only

RANTES Polyclonal antibody

Catalog Number: 12000-1-AP

11 Publications



Basic Information

Catalog Number:

12000-1-AP

Concentration:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2617

GenBank Accession Number:

BC008600

GeneID (NCBI):

6352

UNIPROT ID:

P13501

Full Name:

chemokine (C-C motif) ligand 5

Calculated MW:

91 aa, 10 kDa

Observed MW:

8 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IHC, IF, Neutralization

Species Specificity:

human

Cited Species:

human, mouse, rat

Positive Controls:

WB : human peripheral blood platelets,

Background Information

RANTES (CCL5) belongs to the CC chemokine family and induces leukocyte migration by binding to specific receptors in the G protein-coupled receptor family. RANTES (CCL5) has been shown in vitro to mediate eosinophil, lymphocyte, neutrophil, and monocyte chemotaxis, and it initiates several other proinflammatory events, such as integrin activation, lipid mediator biosynthesis, and degranulation.

Notable Publications

Author	Pubmed ID	Journal	Application
Gaili An	31578575	Oncol Rep	Neutralization
Xiaoxiao Han	39798344	Phytomedicine	WB
Jiaxin Guan	39701332	Brain Behav Immun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

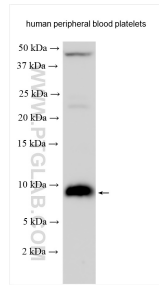
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 12000-1-AP (RANTES antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.