

Product datasheet for **PP1064P2**

RANTES (CCL5) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, FN, IHC, WB

Recommended Dilution: **Neutralization:** To yield one-half maximal inhibition [ND50] of the biological activity of hRANTES (100 ng/ml), a concentration of 5.0-7.0 µg/ml of this antibody is required.
Direct ELISA: To detect hRANTES by direct ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2-0.4 ng/well of recombinant hRANTES.
Sandwich ELISA: To detect Human RANTES by Sandwich ELISA (using 100 µl/well antibody solution) a concentration of at least 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotin conjugated antibody (Cat.-No PP1064B1 or PP1064B2) allows the detection of 0.2-0.4 ng/well of recombinant hRANTES.
Western Blot: To detect Human RANTES by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hRANTES is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.
Immunohistochemistry on Paraffin Sections: 2.0 µg/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with an AEC chromogen. Heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer is recommended. This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma.

Reactivity: Human

Host: Rabbit

Clonality: Polyclonal

Immunogen: Highly pure (>98%) E.coli derived recombinant Human RANTES.

Specificity: Recognizes Human RANTES (CCL5). Other species not tested.

Formulation: PBS, pH 7.2 without preservatives

State: Aff - Purified

State: Lyophilized (sterile filtered) purified Ig fraction

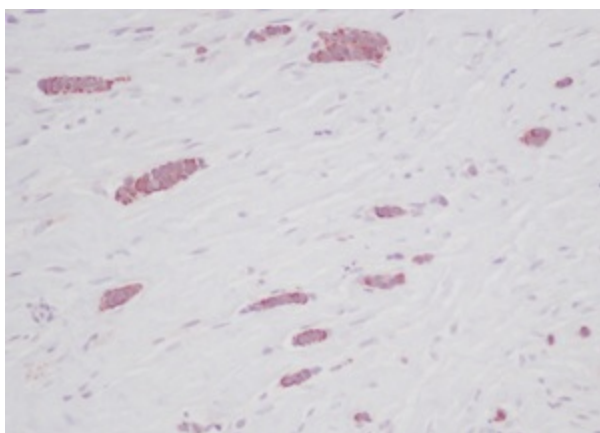
Reconstitution Method: Restore in sterile water to a concentration of 0.1-1.0 mg/ml.



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Purification:	Affinity Chromatography employing immobilized hRANTES matrix
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	C-C motif chemokine ligand 5
Database Link:	Entrez Gene 6352 Human P13501
Synonyms:	C-C motif chemokine 5, D17S136E, SCYA5, Small-inducible cytokine A5, SIS-delta, EoCP
Note:	Centrifuge vial prior to opening!

Product images:



Immunohistochemistry- The RANTES antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 2.0 ug/ml with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with an AEC chromogen. Heat induced antigen retrieval with a pH 6.0 Sodium Citrate buffer is recommended. Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.

