

bs-20765R**[Primary Antibody]****CCL5/RANTES Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

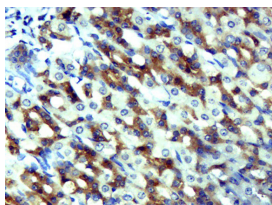
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 6352 Target: CCL5/RANTES Immunogen: KLH conjugated synthetic peptide derived from human CCL5/RANTES: 51-91/91. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: This gene is one of several CC cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. The CC cytokines are proteins characterized by two adjacent cysteines. The cytokine encoded by this gene 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 CCR5 and it suppresses in vitro replication of the R5 strains of HIV-1, which use CCR5 as a coreceptor.	Isotype: IgG SWISS: P13501	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Pig, Cow, Horse) Predicted MW.: 7.4/10 kDa Subcellular Location: Secreted
--	---	---

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CCL5/RANTES) Polyclonal Antibody, Unconjugated (bs-20765R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=20.8]** Peixin Chen. et al. Selective depletion of CCR8+Treg cells enhances anti-tumor immunity of cytotoxic T cells in lung cancer via dendritic cells. J THORAC ONCOL. 2025 Mar;; mIF ;Mouse. 40056978
- **[IF=5.722]** Zou, Xiaopan. et al. ZMI22 promotes the development of triple-receptor negative breast cancer. Cancer Cell Int. 2022 Dec;22(1):1-16 WB ;Human. 35101047

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

- **[IF=5.714]** Tianming Li. et al. IL-17D affects the chemokines and chemokine receptors of intestinal epithelial cells under hyperoxia. INT IMMUNOPHARMACOL. 2022 Dec;113:109386 IHC ;Rat, Human. 36461593