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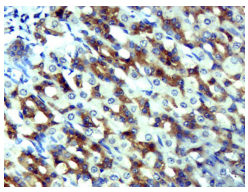
CCL5/RANTES Rabbit pAb

Catalog Number:	bs-20765R
Target Protein:	CCL5/RANTES
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
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 Locations:	Secreted
Entrez Gene:	6352
Swiss Prot:	P13501
Source:	KLH conjugated synthetic peptide derived from human CCL5/RANTES: 51-91/91.
Purification:	affinity purified by Protein A
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.

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) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.722] Zou, Xiaopan. et al. ZMIZ2 promotes the development of triple-receptor negative breast cancer. Cancer Cell Int. 2022 Dec;22(1):1-16 WB ; Human . 35101047

[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