

**bsm-54125R****[ Primary Antibody ]**

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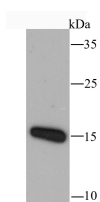
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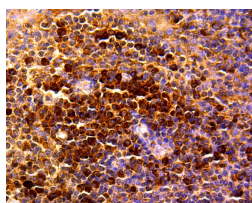
400-901-9800

**RANTES Recombinant Rabbit mAb****— DATASHEET —**

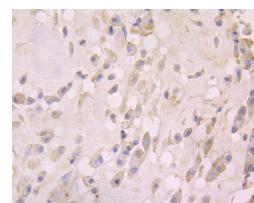
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-1000) <b>IHC-P</b> (1:50-200) <b>IHC-F</b> (1:50-200) <b>IF</b> (1:50-200) <b>ICC/IF</b> (1:50)  <b>Reactivity:</b> Human, Mouse  <b>Predicted MW.:</b> 7.4/10 kDa  <b>Subcellular Location:</b> Secreted
<b>Clonality:</b> Recombinant	<b>CloneNo.:</b> 6A1	
<b>GeneID:</b> 6352	<b>SWISS:</b> P13501	
<b>Target:</b> RANTES		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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 —**

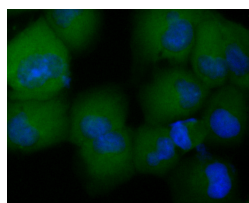
Sample: Lane 1: mouse thymus tissue lysate  
 Primary: Anti-RANTES (bsm-54125R) at 1:1000 dilution  
 Secondary: Goat Anti-Rabbit IgG - HRP at 1:20000 dilution  
 Predicted band size: 7.4/10 kD  
 Observed band size: 15 kD



Paraformaldehyde-fixed, paraffin embedded (human tonsil); 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 (RANTES) Monoclonal Antibody, Unconjugated (bsm-54125R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human lung cancer); 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 (RANTES) Monoclonal Antibody, Unconjugated (bsm-54125R) at 1:50 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



HUVEC cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (RANTES) monoclonal Antibody, Unconjugated



HeLa cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (RANTES) monoclonal Antibody, Unconjugated

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

(bsm-54125R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

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## — SELECTED CITATIONS —

- **[IF=0.8]** KERAN JIA. et al. Single-cell transcriptomics reveals T-cell heterogeneity and immunomodulatory role of CD4+ T native cells in Candida albicans infection. BIOCELL. Western blot ; Mouse. 10.32604/biocell.2024.051383