

bs-1046R**[Primary Antibody]****BioSS**
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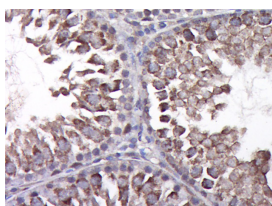
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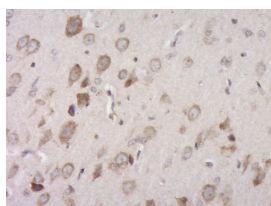
400-901-9800

CCL4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 20303	SWISS: P14097	
Target: CCL4		Reactivity: Human, Rat (predicted: Mouse)
Immunogen: KLH conjugated synthetic peptide derived from mouse MIP-1 beta: 21-92/92.		
Purification: affinity purified by Protein A		Predicted MW.: 7.8 kDa
Concentration: 1mg/ml		Subcellular Location: Secreted
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: MIP1 alpha and MIP1 beta were originally co-purified from medium conditioned by an LPS-stimulated murine macrophage cell line. Human MIP1 beta refers to the products of several independently cloned cDNAs, including Act2, PAT 744, hH400, G26, HIMAP, HC21, and MAD 5a. The predicted protein products of these cDNAs represent variants that are between 94% - 98% identical and these proteins are all approximately 75% homologous to murine MIP1 beta. MIP1 beta also shares approximately 70% amino acid identity with MIP1 alpha. MIP1 proteins are expressed primarily in T cells, B cells, and monocytes after antigen or mitogen stimulation. The MIP1 proteins have chemoattractant and adhesive effects on lymphocytes, with MIP1 alpha and MIP1 beta preferentially attracting CD8+ and CD4+ T cells, respectively. A signal transducing receptor designated the CC chemokine receptor 1 (CC CKR1) with seven transmembrane domains that binds MIP1 alpha, MIP1 beta, MCP1 and RANTES with varying affinities has been isolated.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat testis); 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 (CCL4) Polyclonal Antibody, Unconjugated (bs-1046R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); 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 (CCL4) Polyclonal Antibody, Unconjugated (bs-1046R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=14.7]** Xinyu Zhao. et al. Caffeic acid-vanadium nanozymes treat skin flap ischemia-reperfusion injury through macrophage reprogramming and the upregulation of X-linked inhibitors of apoptotic proteins. ACTA PHARM SIN B. 2024

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

Aug;; IHC ;Mouse. 10.1016/j.apsb.2024.08.022

- **[IF=4.757]** Yoshiki Kobayashi. et al. CCL4 Functions as a Biomarker of Type 2 Airway Inflammation. BIOMEDICINES. 2022 Aug;10(8):1779 IF ;Human. 35892679