



Rabbit Anti-CCL4 antibody

SL1046R

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|-------------------------------|---|
| Product Name: | CCL4 |
| Chinese Name: | 巨噬细胞炎症因子1 β /MIP-1 β 抗体 |
| Alias: | MIP-1 Beta; macrophage inflammatory protein 1 Beta; MIP 1 beta; Secreted protein G 26; ACT 2; ACT2; AT744.1; CC chemokine ligand 4; CCL4; ccl4l 1; CCL4L1; Chemokine CC Motif Ligand 4; G 26 T lymphocyte secreted protein; HC21; LAG 1; LAG1; Lymphocyte activation gene 1; Lymphocyte activation gene 1 protein; Macrophage inflammatory protein 1 beta; MGC104418; MGC126025; MGC126026; MIP1 beta; MIP1B; MIP1B1; PAT 744; Protein H400; SCYA2; SCYA4; Secreted protein G26; SIS gamma; Small inducible cytokine A4; T cell activation protein 2; CCL4_MOUSE; |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 7.8kDa |
| Cellular localization: | Secretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from mouse MIP-1 beta:21-92/92 |
| Isotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |

This gene is one of several cytokine genes clustered on the q-arm of chromosome 17. Cytokines are a family of secreted proteins involved in immunoregulatory and inflammatory processes. This protein is similar to CCL4 which inhibits HIV entry by binding to the cellular receptor CCR5. The copy number of this gene varies among individuals; most individuals have 1-5 copies in the diploid genome, although rare individuals do not contain this gene at all. The human genome reference assembly contains two copies of this gene. This record represents the more centromeric gene. [provided by RefSeq, Jul 2008].

Function:

Monokine with inflammatory and chemokinetic properties. Binds to CCR5. One of the major HIV-suppressive factors produced by CD8+ T-cells. Recombinant MIP-1-beta induces a dose-dependent inhibition of different strains of HIV-1, HIV-2, and simian immunodeficiency virus (SIV). The processed form MIP-1-beta(3-69) retains the abilities to induce down-modulation of surface expression of the chemokine receptor CCR5 and to inhibit the CCR5-mediated entry of HIV-1 in T-cells. MIP-1-beta(3-69) is also a ligand for CCR1 and CCR2 isoform B.

Subunit:

Homodimer and heterodimer of MIP-1-alpha(4-69) and MIP-1-beta(3-69).

Subcellular Location:

Secreted.

Post-translational modifications:

N-terminal processed form MIP-1-beta(3-69) is produced by proteolytic cleavage after secretion from peripheral blood lymphocytes.

Similarity:

Belongs to the intercrine beta (chemokine CC) family.

SWISS:

P14097

Gene ID:

20303

Database links:

[Entrez Gene: 20303](#) Mouse

[Entrez Gene: 116637](#) Rat

[SwissProt: P14097](#) Mouse

[SwissProt: P50230](#) Rat

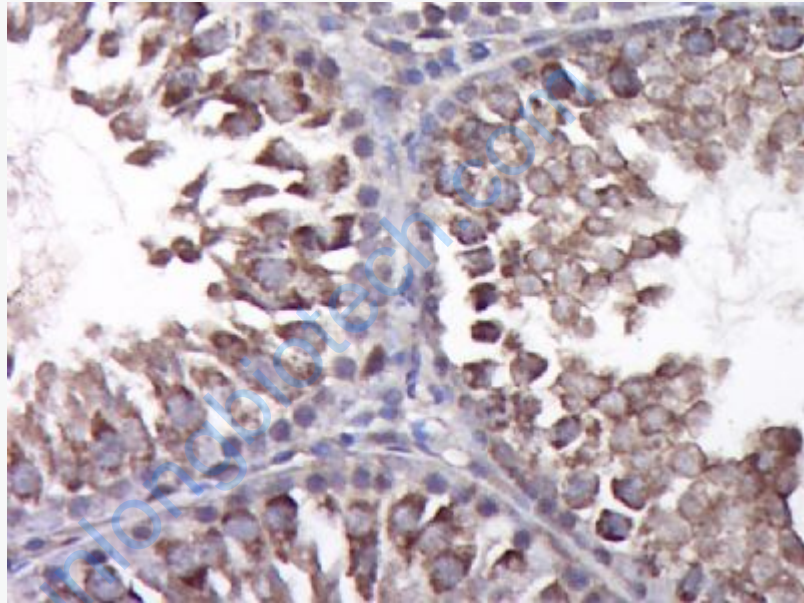
Product Detail:

[Unigene: 37880](#) Rat

Important Note:

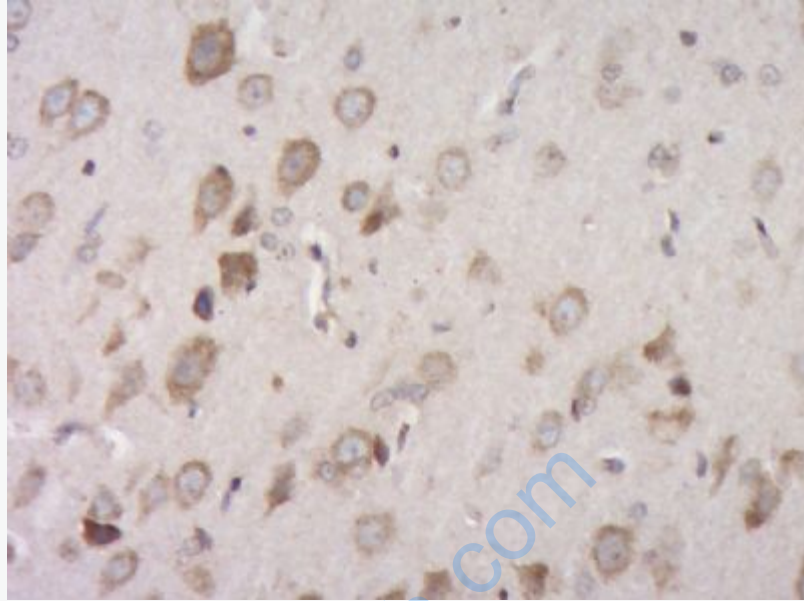
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

巨噬细胞炎症蛋白1 β (MIP-1 β) 是CCChemokine中的一种。主要用于炎症、Tumour方面的研究。

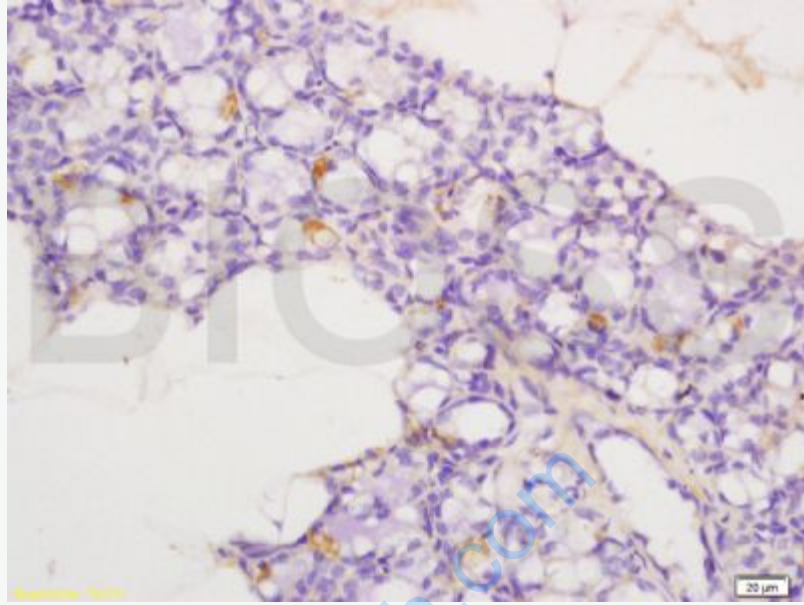


Picture:

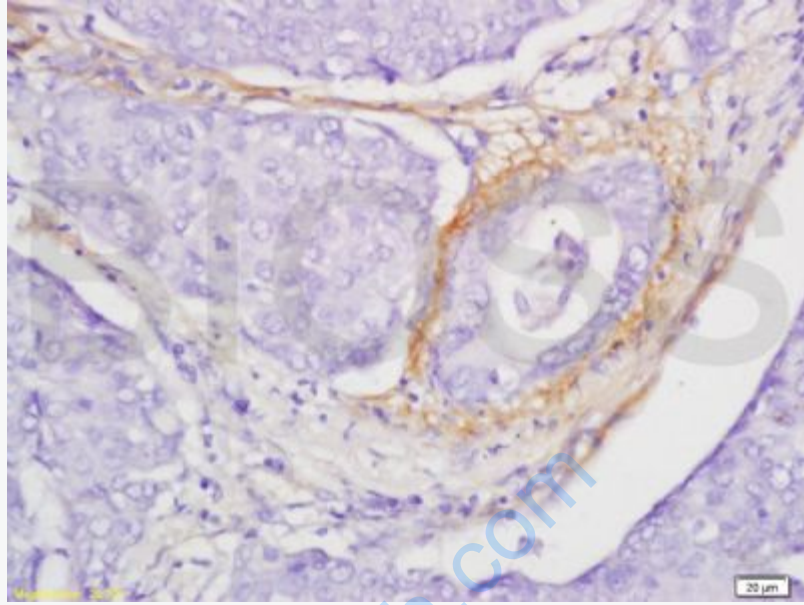
Paraformaldehyde-fixed, paraffin embedded (Rat testis); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CCL4) Polyclonal Antibody, Unconjugated (SL1046R) 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 (SL1046R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat exfoliated cells; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-MIP-1 Beta Polyclonal Antibody, Unconjugated(SL1046R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human esophageal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-MIP-1 Beta Polyclonal Antibody, Unconjugated(SL1046R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining