



Rabbit Anti-CCL12 antibody

SL21433R

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| Product Name: | CCL12 |
| Chinese Name: | 单核细胞趋化蛋白5抗体 |
| Alias: | MCP5; C-C motif chemokine 12; CCL12; MCP 5; MCP-5; MCP5; Macrophage/monocyte Chemotactic Protein; OTTMUSP00000000792; Scya12; Small inducible cytokine A12. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Rat, |
| Applications: | WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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: | 9kDa |
| Cellular localization: | Secretory protein |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from rat CCL12:31-98/98 |
| Lsotype: | 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 |
| Product Detail: | Chemotactic factor that attracts monocytes, lymphocytes, basophils and eosinophils, but not neutrophils. Signals through CCR2B and CCR3 receptors. Plays a role in the accumulation of leukocytes at both sides of allergic and non-allergic inflammation. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis. May play a role in the monocyte attraction in tissues |

chronically exposed to exogenous pathogens.

Function:

Chemotactic factor that attracts eosinophils, monocytes, and lymphocytes but not neutrophils. Potent monocyte active chemokine that signals through CCR2. Involved in allergic inflammation and the host response to pathogens and may play a pivotal role during early stages of allergic lung inflammation.

Subunit:

Homodimer.

Subcellular Location:

Secreted.

Tissue Specificity:

Predominantly expressed in the lymph nodes and thymus. Also found in the salivary glands containing lymph nodes, breast, heart, lung, brain, small intestine, kidney and colon.

Similarity:

Belongs to the intercrine beta (chemokine CC) family.

SWISS:

D4ABS1

Gene ID:

287562

Database links:

[Entrez Gene: 100862578](#)Mouse

[Entrez Gene: 20293](#)Mouse

[SwissProt: Q62401](#)Mouse

[Unigene: 867](#)Mouse

Important Note:

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

Picture:



Paraformaldehyde-fixed, paraffin embedded (rat lymphoid tissue); 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 (CCL12) Polyclonal Antibody, Unconjugated (SL21433R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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