10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CCL22 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54290

Specification

CCL22 Polyclonal Antibody - Product Information

Application	**IHC-P, IHC-F, IF, ICC, E**
Primary Accession	O00626
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**10 KDa**
Physical State	**Liquid**
Immunogen	**KLH conjugated synthetic peptide derived from human CCL22**
Epitope Specificity	**31-93/93**
Isotype	**IgG**

Purity
affinity purified by Protein A

Buffer	**0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.**
SUBCELLULAR LOCATION	**Secreted.**
SIMILARITY	**Belongs to the intercrine beta (chemokine CC) family.**
Post-translational modifications	**The N-terminal processed forms MDC(3-69), MDC(5-69) and MDC(7-69) are produced by proteolytic cleavage after secretion from monocyte derived dendrocytes.**
Important Note	**This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.**

Background Descriptions
CCL22; DC/B-CK; A-152E5.1; ABCD 1; ABCD-1; ABCD1; CC chemokine STCP-1; ccl 22; MGC34554; SCYA22; small inducible cytokine subfamily A (Cys-Cys) member 22; STCP 1; STCP-1; MDC; stimulated T cell chemotactic protein 1; CCL22_Mouse; C-C motif chemokine 22; MDC(1-69); Macrophage-derived chemokine; Small-inducible cytokine A22; Stimulated T-cell chemotactic protein 1; MDC(3-69); MDC(5-69); MDC(7-69); CCL22_HUMAN.

CCL22 Polyclonal Antibody - Additional Information

Gene ID 6367

Other Names
C-C motif chemokine 22, CC chemokine STCP-1, MDC(1-69), Macrophage-derived chemokine, Small-inducible cytokine A22, Stimulated T-cell chemotactic protein 1, MDC(3-69), MDC(5-69), MDC(7-69), CCL22, MDC, SCYA22

Target/Specificity

Highly expressed in macrophage and in monocyte-derived dendritic cells, and thymus. Also found in lymph node, appendix, activated monocytes, resting and activated macrophages. Lower expression in lung and spleen. Very weak expression in small intestine. In lymph node expressed in a mature subset of Langerhans' cells (CD1a+ and CD83+). Expressed in Langerhans' cell histiocytosis but not in dermatopathic lymphadenopathy. Expressed in atopic dermatitis, allergic contact dermatitis skin, and psoriasis, in both the epidermis and dermis.

Dilution
IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format
0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage
Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles. 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 ℃.

CCL22 Polyclonal Antibody - Protein Information

Name CCL22

Synonyms MDC, SCYA22

Function
May play a role in the trafficking of activated/effector T- lymphocytes to inflammatory sites and other aspects of activated T- lymphocyte physiology. Chemotactic for monocytes, dendritic cells and natural killer cells. Mild chemoattractant for primary activated T- lymphocytes and a potent chemoattractant for chronically activated T- lymphocytes but has no chemoattractant activity for neutrophils, eosinophils, and resting T-lymphocytes. Binds to CCR4. Processed forms MDC(3-69), MDC(5-69) and MDC(7-69) seem not be active.

Cellular Location
Secreted.

Tissue Location
Highly expressed in macrophage and in monocyte- derived dendritic cells, and thymus. Also found in lymph node, appendix, activated monocytes, resting and activated macrophages. Lower expression in lung and spleen. Very weak expression in small intestine In lymph node expressed in a mature subset of Langerhans' cells (CD1a+ and CD83+). Expressed in Langerhans' cell histiocytosis but not in dermatopathic lymphadenopathy. Expressed in atopic dermatitis, allergic contact dermatitis skin, and psoriasis, in both the epidermis and dermis.

CCL22 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CCL22 Polyclonal Antibody - Images