

## CCL22

**Reactivity:**Human Rat

**Tested applications:**WB IHC

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:100

**Calculated MW:**11kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human CCL22

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

MDC; ABCD-1; SCYA22; STCP-1; DC/B-CK; A-152E5.1;

**Catalog #:**A1966

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**6367

**Isotype:**IgG

**Swiss Prot:**O00626

**Purity:**Affinity purification

For research use only.

**Background:**

This antimicrobial gene is one of several Cys-Cys (CC) cytokine genes clustered on the q arm of chromosome 16. 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 displays chemotactic activity for monocytes, dendritic cells, natural killer cells and for chronically activated T lymphocytes. It also displays a mild activity for primary activated T lymphocytes and has no chemoattractant activity for neutrophils, eosinophils and resting T lymphocytes. The product of this gene binds to chemokine receptor CCR4. This chemokine may play a role in the trafficking of activated T lymphocytes to inflammatory sites and other aspects of activated T lymphocyte physiology.

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