

MDC Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11277
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human MDC
Mol wt	10230
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	MDC
Synonyms	MDC; 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;

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.|online information:CCL22 entry|PTM: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.|Belongs to the intercrine beta (chemokine CC) family.|tissue 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 eptdermis and dermis.|

Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year