

MDC rabbit pAb

Cat No.:ES20292

For research use only

Overview

Product Name	MDC rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human MDC AA range: 31-80
Specificity	This antibody detects endogenous levels of Human MDC
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C . Avoid repeated freeze-thaw cycles.
Protein Name	MDC
Gene Name	CCL22 MDC SCYA22 A-152E5.1
Cellular localization	Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	6367
Human Swiss-Prot Number	O00626
Alternative 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) [Cleaved into: MDC(3-69); MDC(5-69); MDC(7-69)]
Background	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.,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.,similarity: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.,

