CCL22 mouse mAb

Catalog No	YP-mAb-12473
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CCL22 MDC SCYA22 A-152E5.1
Immunogen	Synthesized peptide derived from human CCL22 AA range: 1-50
Specificity	This antibody detects endogenous levels of Human CCL22
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CCL22;MDC;241668D5;C C motif chemokine 22;CC chemokine STCP-1;CCL22 MDC SCYA22 A-152E5.1;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)]
Observed Band	10kD
Calculated Molecular Weight	93 aa, 11 kDa
Cell Pathway	Secreted.
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 epidermis and dermis.

Function	cell motion, chemotaxis, defense response, inflammatory response, immune response, cell-cell signaling, behavior,locomotory behavior, response to wounding, response to virus, cell migration, taxis, cell motility, localization of cell,
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.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images