Mouse MDC/CCL22 Antibody Pair Set

Catalog No. E-KAB-0317 **Applications** ELISA
Synonyms CCL22, ABCD-1, DC/B-CK, SCYA22, STCP-1

Kit components & Storage

Title	Specifications	Storage
Mouse MDC/CCL22 Capture Antibody	1 vial, 100 μg	Store at -20℃ for one year. Avoid freeze / thaw cycles.
Mouse MDC/CCL22 Detection Antibody (Biotin)	1 vial, 50 μL	Store at -20℃ for one year. Avoid freeze / thaw cycles.

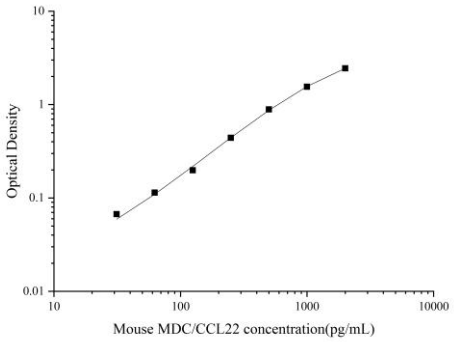
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Items		Characteristic (E-KAB-0317)	
		Mouse MDC/CCL22 Capture Antibody	Mouse MDC/CCL22 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Mouse MDC/CCL22 protein	Recombinant Mouse MDC/CCL22 protein
	Swissprot	O88430	
Product details	Reactivity	Mouse	Mouse
	Host	Rat	Goat
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein A or G	Antigen Affinity
	Specificity	Detects Mouse MDC/CCL22 in ELISAs.	

Applications

Mouse MDC/CCL22 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images
ELISA Capture	0.5-4μg/mL	Mouse MDC/CCL22 Capture Antibody	
ELISA Detection	1:1000-1:10000	Mouse MDC/CCL22 Detection Antibody (Biotin)	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Macrophage-derived chemokine (MDC), also named stimulated T cell chemotactic protein (STCP-1) and ABCD-1, and now designated as CCL22, is a CC chemokine initially isolated from clones of monocyte-derived macrophages. At the amino acid sequence level, MDC shows less than 35% identity to other CC chemokine family members. Human MDC is expressed in dendritic cells, macrophages and activated monocytes. In addition, MDC expression is detected in thymus, lymph node and appendix tissues. At the amino acid sequence level, mouse and human MDC share 64% identity and 83% similarity.