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MDC Antibody [1.3_1C6-1D3]

CATALOG NUMBER: XP-5720-M

Specifications	
SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, WB
APPLICATIONS:	ELISA:
	<p>In a sandwich ELISA (assuming 100 μL/well), a concentration of 2.0-4.0 μg/mL of this antibody will detect at least 100 pg/mL of recombinant human MDC when used with our biotinylated antigen affinity purified anti-human MDC (XP-5229Bt) as the detection antibody at a concentration of approximately 1.0-2.0 μg/mL.</p> <p>Western Blot:</p> <p>To detect hMDC by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 μg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMDC is 0.25-0.50 ng/lane, under non-reducing conditions.</p>
USER NOTE:	Centrifuge vial prior to opening.
IMMUNOGEN:	The monoclonal antibody was produced in BALB/c X ICR F1 mice using recombinant human MDC as the immunizing antigen.
HOST SPECIES:	Mouse
Properties	
PURIFICATION:	This IgG1K antibody was purified from ascites fluid followed by Protein A affinity chromatography.
PHYSICAL STATE:	Lyophilized
STORAGE CONDITIONS:	MDC lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. Reconstitute in sterile water to a concentration of 0.1 - 1.0 mg/mL. The antibody is stable for at least six weeks at 2-4°C when reconstituted.
CLONALITY:	Monoclonal
CONJUGATE:	Unconjugated
Additional Info	
ALTERNATE NAMES:	ABCD 1, CC chemokine STCP 1, CCL 22, MGC34554, SCYA22, Small inducible cytokine subfamily A Cys Cys member 22, STCP 1, Stimulated T cell chemotactic protein 1, MDC, A-152E5.1, C-C motif chemokine 22, CC chemokine STCP-1MDC, ABCD-1, STCP-1, DC/B-CK
ACCESSION NO.:	O00626
PROTEIN GI NO.:	311033357
OFFICIAL SYMBOL:	CCL22
GENE ID:	6367

Background

BACKGROUND: The MDC gene is one of several Cys-Cys (CC) cytokine genes which are clustered on the q arm of chromosome 16.

FOR RESEARCH USE ONLY

January 13, 2018