

ANTIGENIX AMERICA Inc.
1-800-558-1008
PRODUCT INFORMATION SUMMARY

ANTI-Rat MCP-1 (Polyclonal Rabbit)

PRODUCT NUMBER RRF423	Purified	0.1 mg
PRODUCT NUMBER RRF423B	Biotin	50 ug

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rabbit polyclonal antibodies specific for RAT Macrophage Chemotactic Protein (MCP-1). Developed using highly purified recombinant Rat MCP-1 as immunogen. Further purified by **Antigen-Affinity Chromatography** to produce high titre, highly specific preparation.

Source: Sterile filtered in PBS, purified from rabbit serum.

Characterization:

ELISA: Antibody concentration of 0.5 ug/mL was used (100 uL/well) to detect 0.4 ng/well recombinant Rat MCP-1.

For **Biotin conjugate** use @ 0.2 - 0.3 ug/mL.

NEUTRALIZATION: Antibody concentration of 4.0 ug/mL was used to yield one-half maximal inhibition of 100 ng/mL Rat MCP-1 in bioassay.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL was used to detect 1.5 ng/lane Rat MCP-1 under both reducing and non-reducing conditions.

HANDLING AND STORAGE:

Reagent supplied as sterile-filtered, lyophilized and additive-free. **Store frozen at -20 deg. C.** Purified antibody should be diluted with 100 uL sterile water. **For Biotin conjugate** reconstitute in sterile PBS **containing 0.1% BSA.** Further dilutions should be made in a buffered/protein, or other stabilizing medium to a concentration suitable for use in specific protocols. For long-term storage, all reagents in a liquid state should be re-frozen in small aliquots, or add preservative (ie. 0.1 % sodium azide or similar) to store liquid at 2-8° C when not in use. (as suitable for particular application). Avoid repeat freeze-thaw.

Reagent is stable for one-month, without preservative, in liquid state, as described above. Reagent is provided preservative-free.

FOR RESEARCH USE ONLY. NOT INTENDED FOR THERAPEUTIC OR DIAGNOSTIC USE.