

PRODUCT INFORMATION SUMMARY

ANTI-Human MCP-4

MONOCLONAL ANTIBODY

MC400444 Purified Antibody 0.5 mg

SPECIFICITY:

Human MCP-4, **Mouse** monoclonal antibody produced using highly purified recombinant human MCP-4 as immunogen. Purified by protein G affinity chromatography.

IMMUNOGLOBULIN CHAIN COMPOSITION: **Mouse** IgG1, kappa chains

PURIFICATION METHOD: Protein G affinity chromatography.

Sterile filtered, lyophilized from PBS.

Clone AA89

RESEARCH APPLICATIONS:

Quantitative immunoassays; Identification of MCP-4 in tissue sections and body fluids (evaluated by customer).

ELISA: As capture (coating) antibody concentration of 3.0 ug/mL (using 100 uL/well) was used to detect approximately 80.0 pg/mL using ANTIGENIX polyclonal anti-Human MCP-4-biotin (RHF420B) as secondary detection antibody.

NEUTRALIZATION: Antibody concentration of 3.5 ug/mL was used to neutralize 85.0 ng/mL human MCP-4 (half maximal effect).

Western Blot: Antibody concentration of 0.3 ug/mL was used to detect approx. 4.0 ng/lane human MCP-4 (both reducing and non-reducing conditions).

HANDLING AND STORAGE:

Lyophilized, purified monoclonal antibody upon reconstitution with 0.5 ml of sterile or distilled water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, freeze aliquots and store at -20 Deg. C. Avoid repeat freeze-thaw.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the product label description.

RESEARCH USE ONLY