

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Mouse IL-10

RAT MONOCLONAL ANTIBODY

RM701140 Purified Antibody 0.5 mg

SPECIFICITY:

Mouse IL-10, produced in **Rats** using highly purified recombinant Mouse IL-10 as immunogen. Purified by protein G affinity chromatography.

IMMUNOGLOBULIN CHAIN COMPOSITION: Rat IgG2a, kappa chains

PURIFICATION METHOD: Protein G affinity chromatography.
Sterile filtered, lyophilized from PBS.

RESEARCH APPLICATIONS:

Quantitative immunoassays; Identification of Mouse IL-10 in tissue sections and body fluids (evaluated by customer).

ELISA: As capture (coating) antibody concentration of approx. 6.0 ug/mL (using 100 uL/well- optimize) was used to detect approx. 1.5 ng/mL using ANTIGENIX polyclonal anti-Mouse -IL-10-biotin (RMF102B) as secondary detection antibody.

Western Blot: Antibody concentration of 2.0 ug/mL used to detect approx. 3.0 ng/lane recombinant Mouse IL-10 under both reducing or non-reducing conditions.

Neutralization: Antibody concentration of 4.0 ug/mL was used to achieve half maximal inhibition of 0.5 ng/mL of Mouse IL-10.

HANDLING AND STORAGE:

Lyophilized, purified monoclonal antibody upon reconstitution with 0.5 ml of sterile 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.

RESEARCH USE ONLY

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