

REV: 1/14

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

ANTI-Human IL-10

MONOCLONAL ANTIBODY

MC101010 Purified Antibody 0.5 mg

SPECIFICITY:

Human interleukin -10, produced in BALB/c mice using highly purified recombinant human IL-10 as immunogen. Purified by protein A affinity chromatography.

IMMUNOGLOBULIN CHAIN COMPOSITION: Mouse IgG1, kappa chains

SOURCE: Murine ascites fluid.

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

RESEARCH APPLICATIONS:

Quantitative immunoassays: **ELISA** Coat concentration of 10.0 ug/mL (sandwich ELISA).

Identification of IL 10 in tissue sections And body fluids.
Not currently tested for neutralization.

IHC: Observed to react in formalin-fixed, paraffin tissue @ concentration of 4.0 - 5.0 ug/mL - using HRP / DAB detection system. Staining of human pancreas tissue.

Western Blot achieved using antibody concentration of 0.40 ug/mL to detect 3.0 ng/lane recombinant human IL-10 under both reducing and non-reducing conditions.

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.

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