

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Anti-Human IL-1 Beta (Mouse Monoclonal)

Purified Monoclonal Antibody Product Number MC500420 0.5 mg

SPECIFICITY:

Mouse monoclonal antibodies to human interleukin 1-Beta, produced from highly purified recombinant human IL-1 beta immunogen. Antibody purified by protein A chromatography.

SOURCE: Monoclonal **Mouse IgG1**, purified via ion exchange chromatography
Clone AP1B

RESEARCH APPLICATIONS:

Identification of human IL 1 Beta in body fluids and tissue sections.

Western Blot: Antibody can be used at a concentration of approximately 0.40 µg/ml to detect recombinant Human IL-1β : 3.0 ng/lane, under reducing conditions and 6.0 ng/lane, under non-reducing conditions.

ELISA: Antibody used as capture in sandwich ELISA at concentration of 0.5 ug/mL to detect approximately 100.0 pg/mL recombinant human IL-1 beta using ANTIGENIX biotin labeled polyclonal (**RHF858B**) as tracer antibody.

Neutralization: Antibody concentration of approximately 0.10 ug/mL was used for half maximal inhibition of approximately 10.0 pg/mL recombinant Human IL-1β .

HANDLING AND STORAGE:

Purified monoclonal antibody provided lyophilized from PBS. Reconstitute with 500 uL distilled water. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Contains no preservatives. Small aliquots may be frozen at -20° C for long-term storage. Avoid repeat freeze-thaw cycles.

RESEARCH USE ONLY

NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.

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