

ANTIGENIX AMERICA Inc.

PRODUCT INFORMATION SUMMARY

ANTI-Human NGF-Beta

MOUSE MONOCLONAL ANTIBODY

MC671400 Purified Antibody 0.5 mg

SPECIFICITY:

Human NGF Beta, produced in BALB/c mice using highly purified recombinant human Beta NGF as immunogen. Purified by protein G affinity chromatography.

IMMUNOGLOBULIN CHAIN COMPOSITION: Mouse IgG2b, kappa chains
Clone AA400

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

RESEARCH APPLICATIONS:

Quantitative immunoassays; Identification of human NGF Beta in tissue sections and body fluids.

ELISA: As capture (coating) antibody concentration of 4.0 ug/mL (using 100 uL/well) was used to detect 0.2 ng/mL using ANTIGENIX polyclonal anti-Human NGF beta -Biotin (RHF280B) as secondary detection antibody.

WESTERN BLOT: Antibody used at concentration of 4.0 ug/mL to detect approx. 7.00 ng/lane of recombinant human NGF Beta under non-reducing conditions.

Neutralization: Antibody concentration of 3.0 ug/mL was observed to neutralize (half maximal) 10.0 ng/mL concentration of human NGF-BETA

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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