

# ANTIGENIX AMERICA, INC.

## PRODUCT INFORMATION SUMMARY

**ANTI-Human G-CSF**

**MC600622 0.5 mg**

MONOCLONAL ANTIBODY

### **SPECIFICITY:**

Mouse monoclonal antibody specific for Human G-CSF, produced in BALB/c mice using highly purified recombinant human G-CSF as immunogen. Purified by protein A affinity chromatography.

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

**SOURCE:** Murine culture fluid. Clone: APG2

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

### **RESEARCH APPLICATIONS:**

Identification of G-CSF in tissue sections and body fluids

**ELISA:** Can be used as capture antibody in ELISA format at concentration of approximately 3.0 ug/mL (100 uL per well) to detect recombinant human G-CSF. **Use** ANTIGENIX polyclonal anti-human G-CSF biotin (**RHF220B**) as tracer antibody.

**Western Blot:** Antibody concentration of approximately 0.30 ug/mL was used to detect recombinant human G-CSF: 2.0 ng/lane under non-reducing conditions, and 8.0 ng/lane under reducing conditions.

**Neuralization:** Antibody concentration of 4.0 ug/mL was used to achieve **half-maximal** inhibition of (**0.1 ng/ml**) recombinant human G-CSF.

### **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**  
**Antigenix America Inc.**

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