

Product datasheet for **AP23790PU-S**

Csf2 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | ELISA, Neutralize, WB |
| Recommended Dilution: | Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Rat GM-CSF (0.5 ng/ml), a concentration of 0.09–0.14 µg/ml of this antibody is required. Sandwich ELISA: To detect Rat GM-CSF by Sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5-2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with Biotinylated Anti-Rat GM-CSF (AP23790BT-N or AP23790BT-S) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant Rat GM-CSF. Western Blot: To detect Rat GM-CSF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat GM-CSF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions. |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Immunogen: | Highly pure recombinant Rat GM-CSF. |
| Specificity: | Recognizes Rat GM-CSF. Other species not tested. |
| Formulation: | PBS, pH 7.2 without preservatives State: Aff - Purified State: Lyophilized (sterile filtered) purified Ig fraction |
| Reconstitution Method: | Centrifuge vial prior to opening. Restore in sterile water to a concentration of 0.1-1.0 mg/ml. |
| Purification: | Affinity Chromatography employing an immobilized Rat GM-CSF matrix |
| Conjugation: | Unconjugated |
| Storage: | Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing. |



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| Stability: | Shelf life: one year from despatch. |
| Gene Name: | colony stimulating factor 2 |
| Database Link: | Entrez Gene 116630 Rat P48750 |
| Background: | The cytokine GM-CSF stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. Used in myeloid reconstitution following bone marrow transplant, bone marrow transplant engraftment failure or delay, mobilization and following transplantation of autologous peripheral blood progenitor cells, and following induction chemotherapy in older adults with acute myelogenous leukemia. |
| Synonyms: | CSF2, GMCSF, Sargramostim, Molgramostin |