

Product datasheet for PP022P1

Csf3 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

Applications: ELISA, FN, WB

Recommended Dilution: Neutralization:

To yield one-half maximal inhibition [ND50] of the biological activity of mG-CSF (0.5ng/ml), a concentration of 0.005-0.010 µg/ml of this antibody is required.

ELISA:

(Indirect): To detect mG-CSF by indirect ELISA (using 100 µl/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 compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant mG-CSF.

(Sandwich): To detect mG-CSF by sandwich ELISA (using 100 µl/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-Murine G-CSF (PP022B) as a detection antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant mG-CSF.

Western Blot:

To detect mG-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 mG-CSF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Reactivity: Mouse

Host: Rabbit

Clonality: Polyclonal

Immunogen: Highly pure (>98%) recombinant mG-CSF

Specificity: This antibody recognises Murine G-CSF.

Formulation: PBS, pH 7.2 without preservatives.

State: Aff - Purified

State: Lyophilized purified Ig fraction.

Reconstitution Method: Restore in sterile water to a concentration of 0.1-1.0 mg/ml.

Purification: Affinity chromatography.

Conjugation: Unconjugated



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Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	colony stimulating factor 3 (granulocyte)
Database Link:	Entrez Gene 12985 Mouse P09920
Background:	Granulocyte Colony Stimulating Factor (G-CSF) a cytokine that controls the production, differentiation, and function of granulocytes. It is a potent stimulator of bone marrow cells especially those of neutrophil lineage. In addition, G-CSF can enhance the survival and activate the immunological functions of mature neutrophils.
Synonyms:	CSF3, GCSF, Pluripoietin, C17orf33
Note:	Centrifuge vial prior to opening!