

Product datasheet for **AM01274PU-N**

G CSF (CSF3) Rat Monoclonal Antibody [Clone ID: BVD11-37G10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BVD11-37G10
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Specificity:	This antibody recognises human Granukocyte Stimulating Factor (G-CSF). The major action of G-CSF is to stimulate the proliferation and differentiation of haematopoietic progenitor sales into neutrophils and granulocytes.
Formulation:	Borate Buffered Saline without additives. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	colony stimulating factor 3
Database Link:	Entrez Gene 1440 Human P09919



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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.

Recombinant human G-CSF has been developed by pharmaceutical companies, and since the late 1980's, multiple clinical trials have explored its efficacy in a variety of conditions. This antibody can neutralize the bioactivity of natural or recombinant G-CSF.

Synonyms:

CSF3, GCSF, Pluripoietin, C17orf33