

## Product datasheet for **DM1053**

### GCSF Receptor (CSF3R) Mouse Monoclonal Antibody [Clone ID: S-1268]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	S-1268
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Immunoblotting: Recognizes denatured G-CSFR following SDS-PAGE and blotting of 200 ug of cell lysate or following immunoprecipitation with polyclonal antibody followed by immunoblotting.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant MBP-GCSFR fusion protein.
Specificity:	Reactive with G-CSFR and does not cross-react with MBP or BSA (Bovine Serum Albumin).
Formulation:	0.01M PBS, pH 7.2 without preservatives. State: Purified State: Lyophilized purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	colony stimulating factor 3 receptor
Database Link:	<a href="#">Entrez Gene 1441 Human Q99062</a>



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<b>Background:</b>	The protein encoded by the GCSF Receptor gene is the receptor for colony stimulating factor 3, a cytokine that controls the production, differentiation, and function of granulocytes. The encoded protein, which is a member of the family of cytokine receptors, may also function in some cell surface adhesion or recognition processes. Four transcript variants encoding four different isoforms have been found for this gene, of which three are membrane-bound and the one secreted and soluble. Mutations in this gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.
<b>Synonyms:</b>	G-CSF-R, GCSFR, GCSF Receptor, G-CSF Receptor
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
<b>Protein Pathways:</b>	Cytokine-cytokine receptor interaction, Hematopoietic cell lineage, Jak-STAT signaling pathway, Pathways in cancer