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## Product Datasheet

### Granulocyte-Macrophage CSF Antibody / CSF2 (orb248317)

**Description**

GM-CSF (Granulocyte/macrophage -

hematopoietic factor that is produc...

**Species/Host**

Rat

**Reactivity**

Human

**Conjugation**

Unconjugated

**Tested Applications**

FACS, IF, IHC-Fr, IP, NeA, WB

**Immunogen**

Recombinant human protein was used as the immunogen for this antibody.

**Preservatives**

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

**Storage**

Store the GM-CSF antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

**Note**

For research use only

**Application notes**

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the GM-CSF antibody to be titered up or down for optimal performance.

**Formula**

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

**Isotype**

Rat IgG2a, kappa

**Clonality**

Monoclonal

**Purity**

Protein G affinity chromatography

**Hazard Information**

This GM-CSF antibody is available for research use only.

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[1437](#)
**Dilution Range**

Neutralization Studies (order BSA/sodium azide-free format), Immunoprecipitation: 0.5-1ug/500ug protein lysate, Flow cytometry: 0.5-1ug/million cells, Immunofluorescence: 0.5-1ug/ml, Western blot: 0.5-1ug/ml, Immunohistochemistry (Frozen): 0.5-1ug/ml for 30 min at RT