

## Product datasheet

# Anti-G-CSF antibody ab231277

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### Overview

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<b>Product name</b>	Anti-G-CSF antibody
<b>Description</b>	Rabbit polyclonal to G-CSF
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human, Pig
<b>Immunogen</b>	Recombinant fragment (His-tag) corresponding to Pig G-CSF aa 1 to the C-terminus. (Expressed in E.coli). Database link: <a href="#">O02837</a> <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
<b>Positive control</b>	WB: Human leukocyte cell lysate; Mouse lymphocyte cell lysate; Mouse thymus tissue lysate.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: 44.12% PBS, 55.77% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Purification notes</b>	Followed by Protein A chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab231277 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.5 - 2 µg/ml. Predicted molecular weight: 22 kDa.

## Target

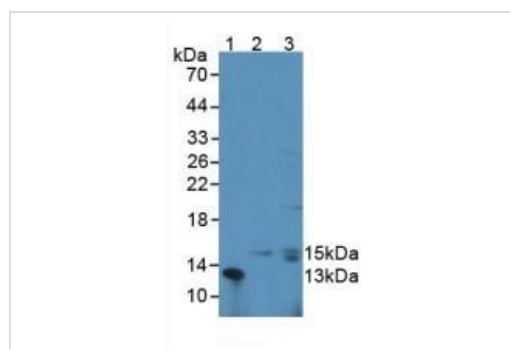
**Function** Granulocyte/macrophage colony-stimulating factors are cytokines that act in hematopoiesis by controlling the production, differentiation, and function of 2 related white cell populations of the blood, the granulocytes and the monocytes-macrophages. This CSF induces granulocytes.

**Sequence similarities** Belongs to the IL-6 superfamily.

**Post-translational modifications** O-glycan consists of Gal-GalNAc disaccharide which can be modified with up to two sialic acid residues (done in recombinantly expressed G-CSF from CHO cells).

**Cellular localization** Secreted.

## Images



Western blot - Anti-G-CSF antibody (ab231277)

**All lanes** : Anti-G-CSF antibody (ab231277) at 2 µg/ml

**Lane 1** : Mouse lymphocyte cells

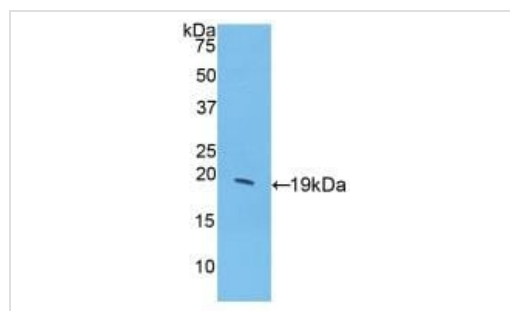
**Lane 2** : Human leukocyte cells

**Lane 3** : Mouse thymus tissue lysate

### Secondary

**All lanes** : HRP-Linked Guinea pig Anti-Rabbit Ab. at 1/2000 dilution

**Predicted band size:** 22 kDa



Western blot - Anti-G-CSF antibody (ab231277)

Anti-G-CSF antibody (ab231277) at 2 µg/ml + Recombinant pig G-CSF protein.

**Predicted band size:** 22 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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