

Datasheet for ABIN1724740  
**anti-GM-CSF antibody (AA 18-144)**[Go to Product page](#)

1 Image

3 Publications

## Overview

|                      |                                       |
|----------------------|---------------------------------------|
| Quantity:            | 100 µL                                |
| Target:              | GM-CSF (CSF2)                         |
| Binding Specificity: | AA 18-144                             |
| Reactivity:          | Human                                 |
| Host:                | Mouse                                 |
| Clonality:           | Monoclonal                            |
| Conjugate:           | This GM-CSF antibody is un-conjugated |
| Application:         | Western Blotting (WB), ELISA          |

## Product Details

|               |  |
|---------------|--|
| Immunogen:    | Purified recombinant fragment of human CSF2 (aa18-144) expressed in E. coli. |
| Clone:        | 3D3  |
| Isotype:      | IgG1   |
| Purification: | purified   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | GM-CSF (CSF2)  |
| Alternative Name: | CSF2 ( <a href="#">CSF2 Products</a> )   |
| Background:       | Description: The protein encoded by this gene is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. The active form of the protein is |

## Target Details

found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region 5q31, which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4, 5, and 13.

Aliases: GMCSF, MGC131935, MGC138897, CSF2

Molecular Weight: 16 kDa

Gene ID: 1437

HGNC: 1437

Pathways: [JAK-STAT Signaling](#), [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

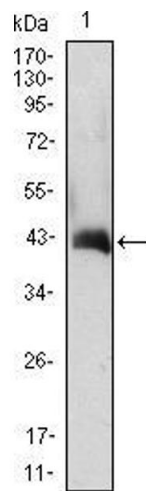
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

## Publications

Product cited in: Zuhlke, Johnson, Okoth, Stoffel, Robbins, Tembe, Salinas, Zheng, Xu, Carpten, Lange, Isaacs, Cooney: "Identification of a novel NBN truncating mutation in a family with hereditary prostate cancer." in: **Familial cancer**, Vol. 11, Issue 4, pp. 595-600, (2012) ([PubMed](#)).

Zheng, Zhang, Jiang, You, Liu, Lu, Zhou: "Functional NBS1 polymorphism is associated with occurrence and advanced disease status of nasopharyngeal carcinoma." in: **Molecular carcinogenesis**, Vol. 50, Issue 9, pp. 689-96, (2011) ([PubMed](#)).



Western Blotting

**Image 1.** Western blot analysis using CSF2 mAb against CSF2(AA: 18-144)-hIgGFc transfected HEK293 cell lysate.