# abcam

# Product datasheet

# APC Anti-M-CSF antibody [EPR20948] ab305851

Recombinant

RabMAb

## 1 Image

#### Overview

Product name APC Anti-M-CSF antibody [EPR20948]

**Description** APC Rabbit monoclonal [EPR20948] to M-CSF

Host species Rabbit

**Conjugation** APC. Ex: 645nm, Em: 660nm

**Tested applications** Suitable for: Target binding affinity, Antibody labelling

**Immunogen** Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

**General notes** 

This  $\underline{\textbf{conjugated primary antibody}}$  is released using a quantitative quality control method that

evaluates binding affinity post-conjugation and efficiency of antibody labeling.

For suitable applications and species reactivity, please refer to the unconjugated version of this

clone. This conjugated antibody is eligible for Abtrial: learn more  $\underline{\text{here}}.$ 

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information see here.

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**<sup>®</sup> **patents**.

#### **Properties**

Form Liquid

**Storage instructions** Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Store

In the Dark.

Storage buffer pH: 7.40

Preservative: 0.02% Sodium azide Constituents: 98% PBS, 1% BSA

Purity Protein A purified

**Clonality** Monoclonal

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Clone number EPR20948

**Isotype** IgG

#### **Applications**

The Abpromise guarantee Our Abpromise guarantee covers the use of ab305851 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
Target binding affinity		Use at an assay dependent concentration.
Antibody labelling		Use at an assay dependent concentration.

#### **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. CSF-1 induces cells of the

monocyte/macrophage lineage. It plays a role in immunological defenses, bone metabolism,

lipoproteins clearance, fertility and pregnancy.

Post-translational

modifications

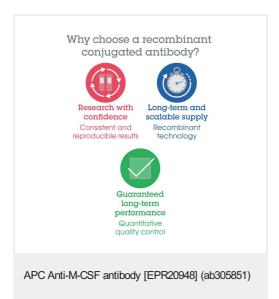
Glycosylation and proteolytic cleavage yield different soluble forms. A high molecular weight

soluble form is a proteoglycan containing chondroitin sulfate.

Isoform 1 is N- and O-glycosylated. Isoform 3 is N-glycosylated.

**Cellular localization** Cell membrane and Secreted > extracellular space.

#### **Images**



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