Product datasheet

Anti-GM-CSF antibody [30-4] ab54429

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Overview

Product name  Anti-GM-CSF antibody [30-4]
Description  Mouse monoclonal [30-4] to GM-CSF
Host species  Mouse
Specificity  When immobilised on a microplate, this antibody will capture recombinant and natural human GM-CSF.
 Tested applications
 Suitability for: WB, ELISA, Functional Studies, ICC/IF
 Unsuitability for: IHC-Fr
Species reactivity  Reacts with: Mouse, Human
Immunogen  Recombinant human granulocyte macrophage colony stimulating factor (rhGM-CSF).
Positive control
 Purchase matching WB positive control: Recombinant human GM-CSF protein

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer  Preservative: None
 Constituents: PBS, pH 7.2
Purity  Protein A purified
Purification notes  ab54429 is 0.2µm sterile filtered.
Clonality  Monoclonal
Clone number  30-4
Isotype  IgG1

Applications

Our Abpromise guarantee covers the use of ab54429 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
**Function**  
Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.

**Sequence similarities**  
Belongs to the GM-CSF family.

**Cellular localization**  
Secreted.

**Immunocytochemistry/ Immunofluorescence**  
Anti-GM-CSF antibody [30-4] (ab54429)  
PBMCs fixed with 4% formaldehyde for 20 minutes at room temperature by adding formaldehyde directly to the culture media and adjust to approximately 1 x 10^6 cells/mL. Cells pelleted, resuspended and 5 ul (5 x 10^3) cells added to a gelatin coated slide. Liquid evaporated over a low heat and stained using ab54429 at 10 ug/ml.

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

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