

ARG21424 anti-GM-CSF antibody [BVD2-23B6] (low endotoxin)

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|---|
| Product Description | Azide free and low endotoxin Rat Monoclonal antibody [BVD2-23B6] recognizes GM-CSF |
| Tested Reactivity | Hu, R. Mk |
| Tested Application | ELISA, ELISPOT, IP, Neut |
| Specificity | Human/Rhesus/Cynomolgus GM-CSF. |
| Host | Rat |
| Clonality | Monoclonal |
| Clone | BVD2-23B6 |
| Isotype | IgG2a, kappa |
| Target Name | GM-CSF |
| Species | Human |
| Immunogen | E. coli-expressed human GM-CSF |
| Conjugation | Un-conjugated |
| Alternate Names | GM-CSF; Granulocyte-macrophage colony-stimulating factor; CSF; GMCSF; Molgramostin; Colony-stimulating factor; Sargramostim |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|-----------------|
| | ELISA | < 5 µg/ml |
| | ELISPOT | Assay-dependent |
| | IP | Assay-dependent |
| | Neut | Assay-dependent |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

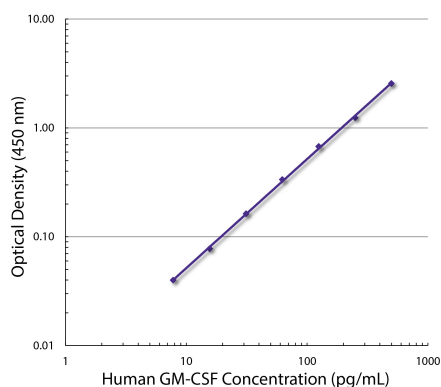
| | |
|---------------------|---|
| Form | Liquid |
| Purification Note | Low endotoxin |
| Buffer | PBS |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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|----------------|---|
| Database links | GeneID: 1437 Human Swiss-port # P04141 Human |
| Gene Symbol | CSF2 |
| Gene Full Name | colony stimulating factor 2 (granulocyte-macrophage) |
| Background | 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 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. [provided by RefSeq, Jul 2008] |
| Function | Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes. [UniProt] |
| Highlight | Related products: GM-CSF antibodies ; GM-CSF ELISA Kits ; GM-CSF Duos / Panels ; GM-CSF recombinant proteins ; Anti-Rat IgG secondary antibodies ; Related news: HMGB1 in inflammation Inflammatory Cytokines |
| Calculated Mw | 16 kDa |

Images



ARG21424 anti-GM-CSF antibody [BVD2-23B6] (low endotoxin) standard curve image

ELISA: Human GM-CSF detected by [ARG21423](#) anti-GM-CSF antibody [BVD2-23B6] as capture antibody ([ARG21424](#): Low endotoxin version), and [ARG21426](#) anti-GM-CSF antibody [BVD2-21C11] (Biotin) as detection antibody, follow by incubation with streptavidin-HRP.