

ARG21426 anti-GM-CSF antibody [BVD2-21C11] (Biotin)

Package: 100 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rat Monoclonal antibody [BVD2-21C11] recognizes GM-CSF
Tested Reactivity	Hu, R. Mk
Tested Application	ELISA, ELISPOT, FACS, ICC/IF, IHC, IHC-Fr, Neut
Specificity	Human/Rhesus/Cynomolgus GM-CSF.
Host	Rat
Clonality	Monoclonal
Clone	BVD2-21C11
Isotype	IgG2a, kappa
Target Name	GM-CSF
Species	Human
Immunogen	E. coli-expressed human GM-CSF
Conjugation	Biotin
Alternate Names	GM-CSF; Granulocyte-macrophage colony-stimulating factor; CSF; GMCSF; Molgramostin; Colony-stimulating factor; Sargramostim

Application Instructions

Application table	Application	Dilution
	ELISA	1:2000 - 1:4000
	ELISPOT	Assay-dependent
	FACS	Assay-dependent
	ICC/IF	Assay-dependent
	IHC	Assay-dependent
	IHC-Fr	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

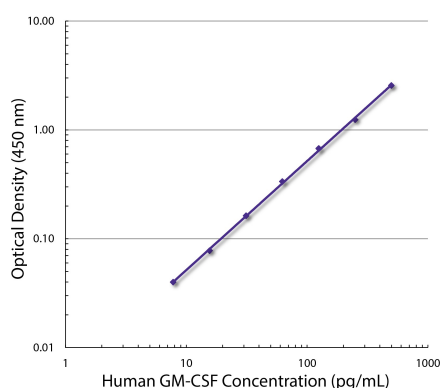
Form	Liquid
Buffer	PBS and 0.1% Sodium azide.
Preservative	0.1% Sodium azide

Concentration	0.5 mg/ml
Storage instruction	Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. 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

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



ARG21426 anti-GM-CSF antibody [BVD2-21C11] (Biotin) standard curve image

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