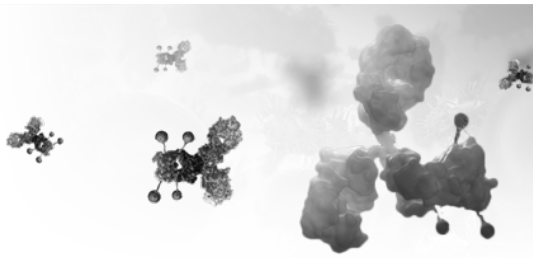

Anti-CSF2 monoclonal antibody, clone 3209 (30-4) (CABT-47682MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product recognises recombinant and native human granulocyte macrophage colony stimulating factor (GM-CSF). Human Granulocyte colony stimulating factor (GM-CSF) is a 14.6kDa glycoprotein, which is produced by T cells, macrophages, fibroblasts and endothelial cells. GM-CSF is involved in the stimulation of proliferation and differentiation of granulocyte and macrophage progenitor cells. The neutralisation dose (ND50) of this batch, as determined by the proliferation of TF-1 cells, is approximately 0.3-0.5 µg/ml in the presence of 0.5 ng/ml of recombinant human GM-CSF. The ND50 may vary depending on conditions.
Specificity	GM-CSF
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Mouse
Clone	3209 (30-4)
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FA; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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GENE INFORMATION

Gene Name	CSF2 colony stimulating factor 2 (granulocyte-macrophage) [Homo sapiens (human)]
Official Symbol	CSF2
Synonyms	CSF2; colony stimulating factor 2 (granulocyte-macrophage); GMCSF; granulocyte-macrophage colony-stimulating factor; CSF; molgramostin; sargramostim; granulocyte macrophage-colony stimulating factor; GM-CSF;
Entrez Gene ID	1437
Protein Refseq	NP_000749
UniProt ID	P04141
Chromosome Location	5q31.1
Pathway	Amoebiasis; Calcineurin-regulated NFAT-dependent transcription in lymphocytes; Calcium signaling in the CD4+ TCR pathway; Cytokine Signaling in Immune system; Cytokine-cytokine receptor interaction; Cytokines and Inflammatory Response; Fc epsilon RI signaling pathway; G beta:gamma signalling through PI3Kgamma;
Function	cytokine activity; granulocyte macrophage colony-stimulating factor receptor binding; growth factor activity; protein binding;

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