



Anti-CSF2 polyclonal antibody (CPBT-65160RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit anti Human GM-CSF antibody recognizes human GM-CSF (granulocyte-macrophage colony-stimulating factor), a 14.6kDa haematopoietic growth factor which exists in both glycosylated and non-glycosylated biologically active forms, and stimulates the development of granulocytes, macrophages, early megakaryocytes and eosinophil progenitor cells. The ability of recombinant GM-CSF to increase haematopoietic cell recovery has become a focus area in the therapeutic treatment of patients following bone marrow transplantation. ELISA This purified human GM-CSF antibody may be used in an indirect ELISA or as the capture reagent in a sandwich ELISA.
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Specificity	GM-CSF
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; FA; IHC-P; WB
Format	Purified IgG - lyophilised
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.

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;