SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-GM-CSF/HRP Conjugated antibody

Catalog Number: SL3790R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-GM-CSF/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human GM-CSF (102-111aa)
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Pig(predicted:Human,Mouse,Rat,Chicken,Dog,Cow,Rabbit)
Background:	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. **Subunit:** Monomer. The signaling GM-CSF receptor complex is a dodecamer of two head-to-head hexamers of two alpha, two beta, and two ligand subunits. **Subcellular Location:** Secreted. **Similarity:** Belongs to the GM-CSF family. **Database links:**

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Entrez Gene: 1437 Human Omim: 138960 Human **SwissProt:** P04141 Human Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. GM-CSF is a glycoprotein synthesized by vascular endothelial cells, monocytes and fibroblasts. It can promote neutrophil maturation; stimulate the release of mature granulocytes from the bone marrow; and enhance neutrophil chemotaxis and phagocytic function.

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