

ARG56802
anti-CXCL3 / GRO gamma antibody (Biotin)Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes CXCL3 / GRO gamma
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCL3 / GRO gamma
Species	Human
Immunogen	E.coli derived Recombinant Human GRO gamma. (ASVTELRQC CLQTLQGIHL KNIQSVNVRS PGPHCAQTEV IATLKNGKKA CLNPASPMVQ KIEKILNKG STN)
Conjugation	Biotin
Alternate Names	Macrophage inflammatory protein 2-beta; MIP2-beta; SCYB3; GRO-gamma; Growth-regulated protein gamma; 5-73; GROγ; 1-73; MIP2B; C-X-C motif chemokine 3; CINC-2b; GRO3; MIP-2b

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56693 as a capture antibody
	WB	0.1 - 0.2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.2)
Concentration	1 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: 2921 Human](#)

[Swiss-port # P19876 Human](#)

Gene Symbol

CXCL3

Gene Full Name

chemokine (C-X-C motif) ligand 3

Background

This antimicrobial gene encodes a member of the CXC subfamily of chemokines. The encoded protein is a secreted growth factor that signals through the G-protein coupled receptor, CXC receptor 2. This protein plays a role in inflammation and as a chemoattractant for neutrophils. [provided by RefSeq, Sep 2014]

Function

Ligand for CXCR2 (By similarity). Has chemotactic activity for neutrophils. May play a role in inflammation and exert its effects on endothelial cells in an autocrine fashion. In vitro, the processed form GRO-gamma(5-73) shows a fivefold higher chemotactic activity for neutrophilic granulocytes. [UniProt]

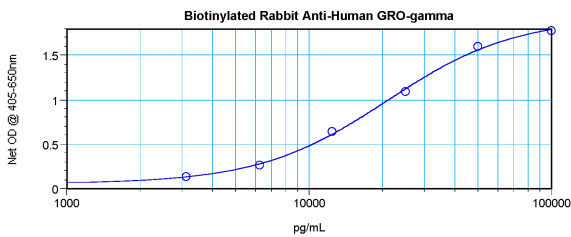
Calculated Mw

11 kDa

PTM

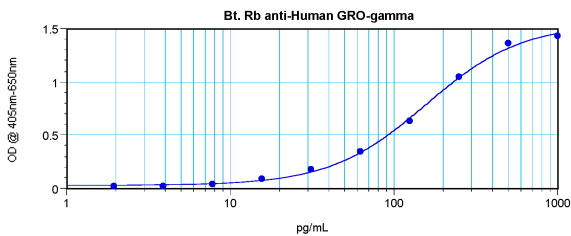
N-terminal processed form GRO-gamma(5-73) is produced by proteolytic cleavage after secretion from peripheral blood monocytes.

Images



ARG56802 anti-CXCL3 / GRO gamma antibody (Biotin) standard curve image

Direct ELISA: ARG56802 anti-CXCL3 / GRO gamma antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56802 anti-CXCL3 / GRO gamma antibody (Biotin) standard curve image

Sandwich ELISA: ARG56802 anti-CXCL3 / GRO gamma antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56693 anti-CXCL3 / GRO gamma antibody as a capture antibody. Results of a typical standard run with optical density.