

## ARG66105 anti-CXCL14 antibody (Biotin)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes CXCL14
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCL14
Species	Human
Immunogen	E. coli derived recombinant Human CXCL14. (SKCKCSRKGP KIRYSDVKKL EMKPKYPHCE EKMVIITTKS VSRYRGQEHK LHPKLQSTKR FIKWYNWNE KRRVYEE)
Conjugation	Biotin
Alternate Names	MIP-2G; KS1; BMAC; Small-inducible cytokine B14; KEC; C-X-C motif chemokine 14; MIP-2g; Chemokine BRAK; MIP2G; BRAK; NJAC; SCYB14

### Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG66104 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: 9547 Human](#)

[Swiss-port # O95715 Human](#)

### Gene Symbol

CXCL14

### Gene Full Name

chemokine (C-X-C motif) ligand 14

### Background

This antimicrobial gene belongs to the cytokine gene family which encode secreted proteins involved in immunoregulatory and inflammatory processes. The protein encoded by this gene is structurally related to the CXC (Cys-X-Cys) subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes but not for lymphocytes, dendritic cells, neutrophils or macrophages. It has been implicated that this cytokine is involved in the homeostasis of monocyte-derived macrophages rather than in inflammation. [provided by RefSeq, Sep 2014]

### Function

Potent chemoattractant for neutrophils, and weaker for dendritic cells. Not chemotactic for T-cells, B-cells, monocytes, natural killer cells or granulocytes. Does not inhibit proliferation of myeloid progenitors in colony formation assays. [UniProt]

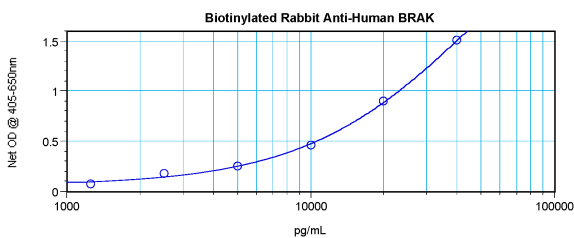
### Calculated Mw

13 kDa

### PTM

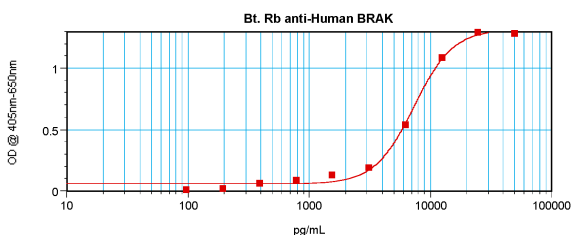
Ubiquitinated, followed by degradation by the proteasome.

## Images



ARG66105 anti-CXCL14 antibody (Biotin) standard curve image

Direct ELISA: ARG66105 anti-CXCL14 antibody (Biotin) at 0.25 - 1.0  $\mu\text{g/ml}$  results of a typical standard run with optical density reading at 405 - 650 nm.



ARG66105 anti-CXCL14 antibody (Biotin) standard curve image

Sandwich ELISA: ARG66105 anti-CXCL14 antibody (Biotin) as a detection antibody at 0.25 - 1.0  $\mu\text{g/ml}$  combined with ARG66104 anti-CXCL14 antibody as a capture antibody. Results of a typical standard run with optical density reading at 405 - 650 nm.