

## ARG56808 anti-IL9 antibody (Biotin)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes IL9
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	IL9
Species	Human
Immunogen	E.coli derived Recombinant Human IL-9. (MQGCPTLAGI LDINFLINKM QEDPASKCHC SANVTSCCLCL GIPSDNCTRP CFSERLSQMT NTTMQTRYPL IFSRVKKSVE VLKNNKCPYF SCEQPCNQTT AGNALTFLKS LLEIFQKEKM RGMRGKI)
Conjugation	Biotin
Alternate Names	IL-9; HP40; Interleukin-9; T-cell growth factor P40; Cytokine P40; P40

### Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56698 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: 3578 Human](#)  
[Swiss-port # P15248 Human](#)

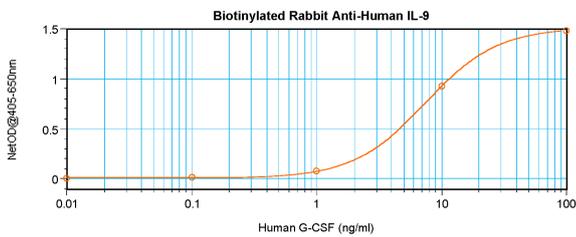
Gene Symbol IL9  
Gene Full Name interleukin 9

Background The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness. [provided by RefSeq, Jul 2008]

Function Supports IL-2 independent and IL-4 independent growth of helper T-cells. [UniProt]

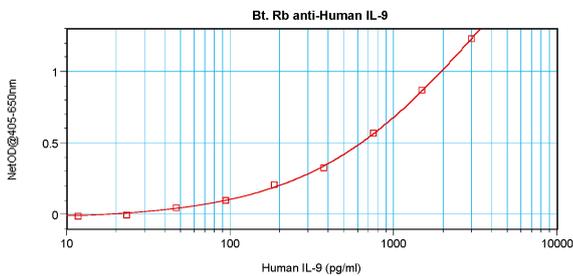
Calculated Mw 16 kDa

## Images



ARG56808 anti-IL9 antibody (Biotin) standard curve image

Direct ELISA: ARG56808 anti-IL9 antibody (Biotin) at 0.25 - 1.0  $\mu\text{g}/\text{ml}$  results of a typical standard run with optical density.



ARG56808 anti-IL9 antibody (Biotin) standard curve image

Sandwich ELISA: ARG56808 anti-IL9 antibody (Biotin) as a detection antibody at 0.25 - 1.0  $\mu\text{g}/\text{ml}$  combined with ARG56698 anti-IL9 antibody as a capture antibody. Results of a typical standard run with optical density.