

## ARG56742 anti-BD2 / beta Defensin 2 antibody (Biotin)

Package: 50 µg  
Store at: 4°C

### Summary

Product Description	Biotin-conjugated Goat Polyclonal antibody recognizes BD2 / beta Defensin 2
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	BD2 / beta Defensin 2
Species	Human
Immunogen	E.coli derived Recombinant Human BD-2. (GIGDPVTCLK SGAICHPVFC PRRYKQIGTC GLPGTKCCKK P)
Conjugation	Biotin
Alternate Names	Beta-defensin 4A; Defensin, beta 2; DEFB4P; hBD-2; Beta-defensin 2; Skin-antimicrobial peptide 1; BD-2; SAP1

### Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56632 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.	

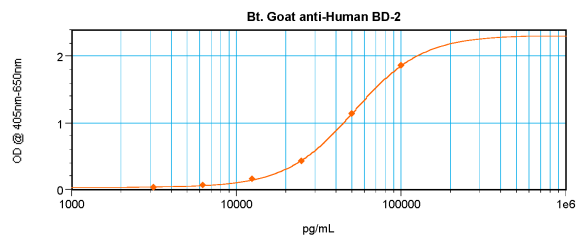
### Properties

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

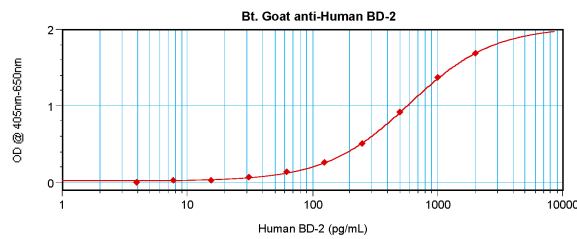
Gene Symbol	DEFB4B
Gene Full Name	defensin, beta 4B
Background	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation. [provided by RefSeq, Oct 2014]
Function	Has antibacterial activity. [UniProt]
Calculated Mw	7 kDa

Images



ARG56742 anti-BD2 / beta Defensin 2 antibody (Biotin) standard curve image

Direct ELISA: ARG56742 anti-BD2 / beta Defensin 2 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56742 anti-BD2 / beta Defensin 2 antibody (Biotin) standard curve image

Sandwich ELISA: ARG56742 anti-BD2 / beta Defensin 2 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56632 anti-BD-2 / beta Defensin-2 antibody as a capture antibody. Results of a typical standard run with optical density.