

ARG56820 anti-BD4 / beta Defensin 4 antibody (Biotin)

Package: 50 µg
Store at: 4°C

Summary

Product Description	Biotin-conjugated Rabbit Polyclonal antibody recognizes BD4 / beta Defensin 4
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BD4 / beta Defensin 4
Species	Human
Immunogen	E.coli derived Recombinant Human BD-4. (EFELDRICGY GTARCRKKCR SQEYRIGRCP NTYACCLRKW DESLLNRTKP)
Conjugation	Biotin
Alternate Names	DEFB-4; hBD-4; Defensin, beta 104; Beta-defensin 104; DEFB4; BD-4; Beta-defensin 4; DEFB104

Application Instructions

Application table	Application	Dilution
	ELISA	Direct: 0.25 - 1.0 µg/ml Sandwich: 0.25 - 1.0 µg/ml with ARG56711 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: 140596 Human](#)
[Swiss-port # Q8WTQ1 Human](#)

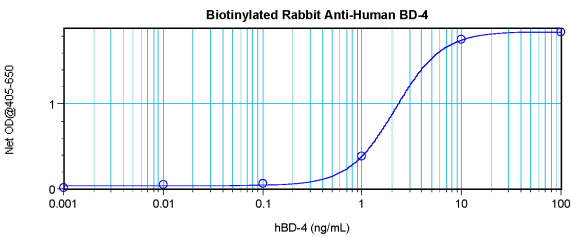
Gene Symbol **DEFB104A**
Gene Full Name **defensin, beta 104A**

Background Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. Chromosome 8p23 contains at least two copies of the duplicated beta-defensin cluster. This duplication results in two identical copies of defensin, beta 104, DEFB104A and DEFB104B, in head-to-head orientation. This gene, DEFB104A, represents the more centromeric copy. [provided by RefSeq, Oct 2014]

Function Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103. [UniProt]

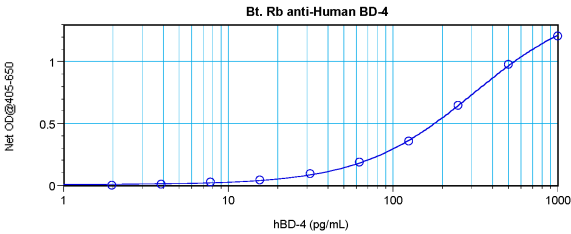
Calculated Mw 9 kDa

Images



ARG56820 anti-BD4 / beta Defensin 4 antibody (Biotin) standard curve image

Direct ELISA: ARG56820 anti-BD4 / beta Defensin 4 antibody (Biotin) at 0.25 - 1.0 µg/ml results of a typical standard run with optical density.



ARG56820 anti-BD4 / beta Defensin 4 antibody (Biotin) standard curve image

Sandwich ELISA: ARG56820 anti-BD4 / beta Defensin 4 antibody (Biotin) as a detection antibody at 0.25 - 1.0 µg/ml combined with ARG56711 anti-BD-4 / beta Defensin-4 antibody as a capture antibody. Results of a typical standard run with optical density.