

ARG56672 anti-BD3 / beta Defensin 3 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BD3 / beta Defensin 3
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BD3 / beta Defensin 3
Species	Human
Immunogen	E.coli derived Recombinant Human BD-3. (GIINTLQKYY CRVRGGRCVAV LSCLPKKEEQI GKCSTRGRKC CRRKK)
Conjugation	Un-conjugated
Alternate Names	DEFB-3; HBD3; Beta-defensin 103; Defensin, beta 103; HBP3; Defensin-like protein; hBD-3; HBP-3; Beta-defensin 3; BD-3; DEFB3; DEFB103

Application Instructions

Application table	Application	Dilution
	ELISA	Sandwich: 0.5 - 2.0 µg/ml with ARG56782 as a detection 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.	

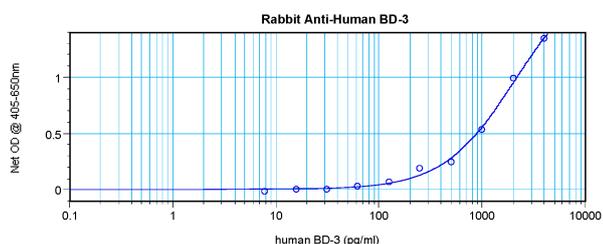
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.2)
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. 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	DEFB103A
Gene Full Name	defensin, beta 103A
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 103, an antibiotic peptide which is induced by bacteria and interferon gamma, and which displays antimicrobial activity against <i>S. aureus</i> , <i>S. pyogenes</i> , <i>P. aeruginosa</i> , <i>E. coli</i> , and <i>C. albicans</i> . [provided by RefSeq, Oct 2014]
Function	Exhibits antimicrobial activity against Gram-positive bacteria <i>S.aureus</i> and <i>S.pyogenes</i> , Gram-negative bacteria <i>P.aeruginosa</i> and <i>E.coli</i> and the yeast <i>C.albicans</i> . Kills multiresistant <i>S.aureus</i> and vancomycin-resistant <i>E.faecium</i> . No significant hemolytic activity was observed. [UniProt]
Calculated Mw	8 kDa

Images



ARG56672 anti-BD3 / beta Defensin 3 antibody standard curve image

Sandwich ELISA: ARG56672 anti-BD3 / beta Defensin 3 antibody as a capture antibody at 0.5 - 2.0 µg/ml combined with ARG56782 anti-BD-3 / beta Defensin-3 antibody (Biotin) as a detection antibody. Results of a typical standard run with optical density.