

beta-3 Defensin Polyclonal Antibody, Biotin, PeproTech®

Product Details

Size	2 x 500 µg
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit
Class	Polyclonal
Type	Antibody
Conjugate	Biotin
Immunogen	E.coli-derived Recombinant Human BD-3
Form	Lyophilized
Concentration	0.1-1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.2 µg/mL	-
ELISA (ELISA)	0.25-1.0 µg/mL	1 Publication
In vitro Assay (IV)	-	1 Publication

Product Specific Information

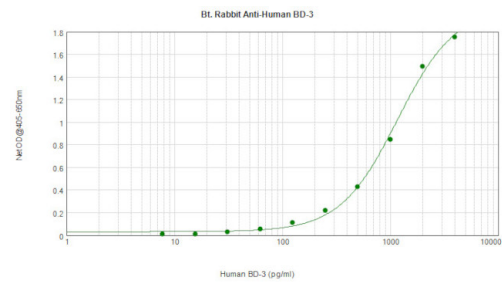
AA Sequence of recombinant protein: GIINTLQKYY CRVRGGRCAY LSCLPKEEQI GKCSTRGRKC CRRKK.

Preparation: Produced from sera of rabbits immunized with highly pure Recombinant Human BD-3. Anti-Human BD-3-specific antibody was purified by affinity chromatography and then biotinylated.

Sandwich ELISA: To detect hBD-3 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with PeproTech Polyclonal Anti-Human BD-3 (500-P241) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant hBD-3.

Western Blot: To detect hBD-3 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for Recombinant hBD-3 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

500-P241BT-1MG will be provided as 2 x 500 µg



beta-3 Defensin Antibody (500-P241BT-1MG) in ELISA
Sandwich ELISA: To detect hBD-3 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1.0 µg/mL of beta-3 Defensin Polyclonal Antibody, Biotin (Product # 500-P241BT-1MG) is required. This biotinylated polyclonal antibody, in conjunction with PeproTech beta-3 Defensin Polyclonal Antibody (Product # 500-P241-1MG) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of Recombinant hBD-3.

2 References

ELISA (1)

<p>PloS one</p> <p>An antimicrobial peptide regulates tumor-associated macrophage trafficking via the chemokine receptor CCR2, a model for tumorigenesis.</p> <p>Authors: Jin G,Kawsar HI,Hirsch SA,Zeng C,Jia X,Feng Z,Ghosh SK,Zheng QY,Zhou A,McIntyre TM,Weinberg A</p>	<p>Year 2010</p> <p>Species Human</p>
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In vitro Assay (1)

<p>BMC oral health</p> <p>Association of a genetic polymorphism (-44 C/G SNP) in the human DEFB1 gene with expression and inducibility of multiple beta-defensins in gingival keratinocytes.</p> <p>Authors: Kalus AA,Fredericks LP,Hacker BM,Dommisch H,Presland RB,Kimball JR,Dale BA</p>	<p>Year 2009</p> <p>Species Human</p>
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