

## Datasheet for ABIN636683 **anti-Defensin beta 4 antibody**



[Go to Product page](#)

### Overview

Quantity:	50 µg
Target:	Defensin beta 4 (DEFB4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Defensin beta 4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Blocking Antibody (Inhibition)

### Product Details

Immunogen:	BD4 antibody was raised in rabbit using highly pure recombinant human BD-4 as the immunogen.
Purification:	Purified

### Target Details

Target:	Defensin beta 4 (DEFB4)
Alternative Name:	BD4 ( <a href="#">DEFB4 Products</a> )
Background:	Defensins (alpha and beta) are cationic peptides with a broad spectrum of antimicrobial activity that comprise an important arm of the innate immune system. The α-defensins are distinguished from the beta-defensins by the pairing of their three disulfide bonds. To date, four human beta-defensins have been identified, BD-1, BD-2, BD-3 and BD-4. The beta-defensin proteins are expressed as the C-terminal portion of precursors and are released by proteolytic

## Target Details

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cleavage of a signal sequence. beta-defensins contain a six-cysteine motif that forms three intra-molecular disulfide bonds. beta-defensins are 3-5 kDa peptides ranging in size from 33-47 amino acid residues.

Molecular Weight: 6.0 kDa (predicted detection band MW)

## Application Details

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Application Notes: Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: Lot specific

Buffer: Lyophilized from PBS, pH 7.2.

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at -20 °C until reconstitution. Following reconstitution product may be stored at 4 °C in the short term. For long term storage aliquot and freeze at -20 °C.