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Datasheet for ABIN465716 **anti-DEFB104A antibody (Biotin)**

Overview

Quantity:	50 µg
Target:	DEFB104A
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEFB104A antibody is conjugated to Biotin
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	E.coli derived recombinant Human BD-4.
	Type of Immunogen: Cell extract
Specificity:	Human BD-4
Purification:	Immunoaffinity purified

Target Details

Target:	DEFB104A
Alternative Name:	DEFB104A / DEFB4 (DEFB104A Products)
Background:	Name/Gene ID: DEFB104A
	Synonyms: DEFB104A, Beta-defensin 4, BD-4, Beta-defensin 104, Defensin, beta 104, Defensin,

Target Details

beta 104A, Defensin, beta 4, DEFB4, HBD-4, DEFB-4, DEFB104

Gene ID: 140596

UniProt: [Q8WTQ1](#)

Application Details

Application Notes: Approved: ELISA (1 µg/mL), WB (0.1 - 0.2 µg/mL)

Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. ELISA: To detect hBD-4 by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hBD-4. To detect hBD-4 by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Human BD-4 (LS-C104542) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hBD-4. Western Blot: To detect hBD-4 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-4 is 1.5-3 ng/lane, under either reducing or non-reducing conditions.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Sterile PBS containing 0.1 % BSA

Concentration: Lot specific

Buffer: Lyophilized from PBS, pH 7.2

Handling Advice: Avoid freeze/thaw cycles.

Storage: 4 °C, -20 °C

Storage Comment: Store Lyophilized at room temperature up to 1 month
Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage.

Avoid freeze/thaw cycles.