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Datasheet for ABIN5690601

anti-Defensin beta 4 antibody (Biotin)

Overview

Quantity:	0.05 mg
Target:	Defensin beta 4 (DEFB4)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Defensin beta 4 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hBD-4 (Human Beta Defensin-4). hBD-4 specific antibody was purified by affinity chromatography and then biotinylated.
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Target Details

Target:	Defensin beta 4 (DEFB4)
Alternative Name:	BD-4 (DEFB4 Products)
Gene ID:	140596
UniProt:	Q8WTQ1

Application Details

Application Notes:	ELISA:
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Application Details

Direct:

To detect hBD-4 by direct 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 compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBD-4.

Sandwich

To detect hBD-4 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 our polyclonal Anti-Human BD-4 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 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Storage:	-20 °C
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Storage Comment:	BD-4 antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least two weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze-thaw cycles.
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