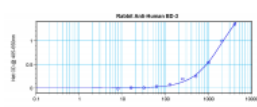




## BD-3 Antibody

CATALOG NUMBER: 38-164



To detect hBD-3 by sandwich ELISA (using 100  $\mu$ l/well antibody solution) a concentration of 0.5 - 2.0  $\mu$ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with ProSci's Biotinylated Anti-Human BD-3 (38-165) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBD-3.

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	<p><b>ELISA:</b></p> <p><b>Indirect:</b></p> <p>To detect hBD-3 by indirect ELISA (using 100 <math>\mu</math>L/well antibody solution) a concentration of 0.5 - 2.0 <math>\mu</math>g/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBD-3.</p> <p><b>Sandwich</b></p> <p>To detect hBD-3 by sandwich ELISA (using 100 <math>\mu</math>L/well antibody solution) a concentration of 0.5 - 2.0 <math>\mu</math>g/mL of this antibody is required. This antigen affinity purified antibody, in conjunction with our biotinylated Anti-Human BD-3 as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBD-3.</p> <p><b>Western Blot:</b></p> <p>To detect hBD-3 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 <math>\mu</math>g/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.</p>
<b>USER NOTE:</b>	Centrifuge vial prior to opening.
<b>IMMUNOGEN:</b>	Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hBD-3. Human BD-3 specific antibody was purified by affinity chromatography employing immobilized hBD-3 matrix.
<b>HOST SPECIES:</b>	Rabbit

### Properties

<b>PHYSICAL STATE:</b>	Lyophilized
<b>STORAGE CONDITIONS:</b>	BD-3 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.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

#### Additional Info

<b>ALTERNATE NAMES:</b>	BD-3, HBD3, HBP3, DEFB3, DEFB103, BD3, DEFB103BBeta-defensin 103, Beta-defensin 3, BD-3
<b>ACCESSION NO.:</b>	P81534
<b>PROTEIN GI NO.:</b>	17372441
<b>OFFICIAL SYMBOL:</b>	DEFB103B
<b>GENE ID:</b>	55894

#### Background

FOR RESEARCH USE ONLY

December 13, 2016