

HIGH PERFORMANCE ANTIBODIES ... AND MORE

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## BD-3 Antibody (biotin)

CATALOG NUMBER: 38-165

| Specifications |  |
| :---: | :---: |
| SPECIES REACTIVITY: | Human |
| TESTED APPLICATIONS: | ELISA, WB |
| APPLICATIONS: | ELISA: <br> Direct: <br> To detect hBD-3 by direct ELISA (using $100 \mathrm{uL} /$ well antibody solution) a concentration of $0.25-1.0 \mathrm{ug} / \mathrm{mL}$ of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least $0.2-0.4 \mathrm{ng} /$ well of recombinant hBD-3. <br> Sandwich <br> To detect hBD-3 by sandwich ELISA (using $100 \mathrm{uL} /$ well antibody solution) a concentration of $0.25-1.0 \mathrm{ug} / \mathrm{mL}$ of this antibody is required. This biotinylated polyclonal antibody, in conjunction with our polyclonal Anti-Human BD3 as a capture antibody, allows the detection of at least $0.2-0.4 \mathrm{ng} / \mathrm{well}$ of recombinant hBD-3. <br> Western Blot: <br> To detect hBD-3 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 ug/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hBD-3 is $1.5-3.0 \mathrm{ng} / \mathrm{lane}$, under either reducing or non-reducing conditions. |
| USER NOTE: | Centrifuge vial prior to opening. |
| IMMUNOGEN: | Produced from sera of rabbits pre-immunized with highly pure (>98\%) recombinant hBD-3. Human BD-3 specific antibody was purified by affinity chromatography and then biotinylated. |
| HOST SPECIES: | Rabbit |
| Properties |  |
| PHYSICAL STATE: | Lyophilized |
| STORAGE CONDITIONS: | BD-3 antibody is stable for at least 2 years from date of receipt at $-20^{\circ} \mathrm{C}$. The reconstituted antibody is stable for at least two weeks at $2-8^{\circ} \mathrm{C}$. Frozen aliquots are stable for at least 6 months when stored at $-20^{\circ} \mathrm{C}$. Avoid repeated freeze-thaw cycles. |
| CLONALITY: | Polyclonal |
| CONJUGATE: | Biotin |
| Additional Info |  |
| ALTERNATE NAMES: | BD-3, HBD3, HBP3, DEFB3, DEFB103, BD3, DEFB103BBeta-defensin 103, Beta-defensin 3, BD-3 |
| ACCESSION NO.: | P81534 |
| PROTEIN GI NO.: | 17372441 |
| OFFICIAL SYMBOL: | DEFB103B |
| GENE ID: | 55894 |

FOR RESEARCH USE ONLY

