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Antigen-Affinity Purified Polyclonal Antibodies

Anti-human BD-4

Description: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hBD-4 (human Beta Defensin-4). Anti-Human BD-4 specific antibody was purified by affinity chromatography employing immobilized hBD-4 matrix.

Host species:	Rabbit
Antigen:	Recombinant human BD-4
Purification:	Antigen-Affinity chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution: Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability: The lyophilized 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.**

Applications

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-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

ELISA:

Indirect: To detect hBD-4 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/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-4.

Sandwich: To detect hBD-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with an appropriate secondary conjugated antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBD-4.

Usage: Anti-human BD-4 is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 102-P221

Size: 100 µg

****Please note: always centrifuge product before opening vial.****