

Anti-Beta-Defensin Antibody
Catalog # AN2090**Specification**

Anti-Beta-Defensin Antibody - Product Information

Primary Accession	P60022
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG
Calculated MW	7420

Anti-Beta-Defensin Antibody - Additional InformationGene ID **1672****Other Names**

DEFB1, BD1, Defensin beta 1 preproprotein, HBD

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Anti-Beta-Defensin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Shipping

Blue Ice

Anti-Beta-Defensin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Beta-Defensin Antibody - Images**Anti-Beta-Defensin Antibody - Background**

A novel, nonhemolytic antimicrobial peptide (human beta-defensin-3, hBD-3) was isolated from human lesional psoriatic scales and cloned from keratinocytes. hBD-3 demonstrated a salt-insensitive broad spectrum of potent antimicrobial activity against many potentially pathogenic microbes including multiresistant *S. aureus* and vancomycin-resistant *Enterococcus faecium*.

Keratinocytes and airway epithelial cells are cellular sources of hBD-3. Tumor necrosis factor alpha and contact with bacteria were found to induce hBD-3 mRNA expression. hBD-3 therefore might be important in the innate epithelial defense of infections by various microorganisms seen in skin and lung, such as cystic fibrosis.