

# Rabbit anti-Human BD-1/beta-Defensin 1 mAb (DET)

**Catalog No.:** RM17924

## Basic Information

**Catalog No.**  
RM17924

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative[]0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

## Contact

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## Background

Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis.

## Immunogen Information

**Immunogen**  
Recombinant Human BD-1/beta-Defensin 1

## Cross-Reactivity

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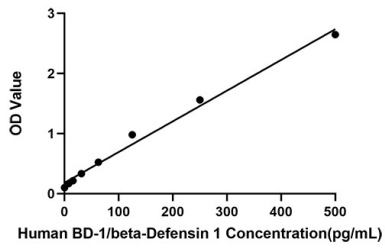
## Assay Applications

Human BD-1/beta-Defensin 1 Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2ug/mL	Rabbit anti-Human BD-1/beta-Defensin 1 mAb(CAP)(Cat. No.RM17923)
ELISA Detection	0.006-0.0.025ug/mL	Rabbit anti-Human BD-1/beta-Defensin 1 mAb(DET)(Cat. No.RM17924)
Standard	7.81-500pg/mL	Recombinant Human BD-1/beta-Defensin 1 Protein

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.