

beta 2 Defensin/BD-2 Polyclonal Antibody(Capture/Detector)

catalog number: AN000270P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

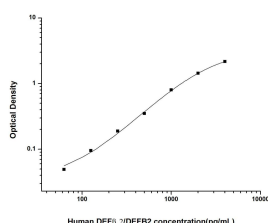
Description

| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Recombinant Human beta 2 Defensin/BD-2 protein expressed by E.coli |
| Host | Goat |
| Isotype | Goat IgG |
| Purification | Antigen Affinity Purification |
| Buffer | Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300. |

Applications Recommended Dilution

| | |
|-----------------------|---------------|
| ELISA Capture | 2-8 µg/mL |
| ELISA Detector | 0.1-0.4 µg/mL |

Data



Sandwich ELISA-Recombinant Human beta 2 Defensin/BD-2 protein standard curve. Background subtracted standard curve using beta 2 Defensin/BD-2 antibody(AN000270P) (Capture), beta 2 Defensin/BD-2 antibody(AN000270P) (Detector) in sandwich ELISA. The reference range value for Recombinant Human beta 2 Defensin/BD-2 protein is 62.5-4000 pg/mL.

Preparation & Storage

| | |
|-----------------|--|
| Storage | Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. |
| Shipping | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

Background

Human BD-2, also known as defensin beta 2 (DEFB-2), is a secreted, 41 amino acid residue anti-microbial protein belonging to the defensin family. Mature defensins are cationic proteins with three intramolecular disulfides and a characteristic triple-stranded beta-sheet. Human BD-2 expression is induced by inflammatory signals in multiple tissues, including airway epithelial cells and keratinocytes. At the amino acid sequence level, human BD-2 shares 98% and 51% homology with the proteins from rhesus monkey and rat, respectively.

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