



Rabbit Anti-beta Defensin 3 antibody

SL7378R

Product Name:	beta Defensin 3
Chinese Name:	β防御素3抗体
Alias:	BD 3; BD-3; BD3; beta 103; Beta defensin 103A; Beta defensin 103A precursor; Beta defensin 3; Beta-defensin 103; Beta-defensin 3; D103A_HUMAN; DEF B3; DEFB 103; DEFB 103A; DEFB 3; DEFB-3; DEFB103; DEFB103A; DEFB103B; DEFB3; Defensin; Defensin beta 103A; Defensin beta 3; Defensin like protein; Defensin-like protein; HBD 3; hBD-3; HBD3; HBP 3; HBP3; mBD3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1μg/TestICC=1:100-500IF=1:200-800 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	5kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human beta Defensin 3:23-67/67
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Exhibits antimicrobial activity against Gram-positive bacteria S.aureus and S.pyogenes, Gram-negative bacteria P.aeruginosa and E.coli and the yeast C.albicans. Kills multiresistant S.aureus and vancomycin-resistant E.faecium. No significant hemolytic

activity was observed.

Subcellular Location:

Secreted.

Tissue Specificity:

Highly expressed in skin and tonsils, and to a lesser extent in trachea, uterus, kidney, thymus, adenoid, pharynx and tongue. Low expression in salivary gland, bone marrow, colon, stomach, polyp and larynx. No expression in small intestine.

Similarity:

Belongs to the beta-defensin family.

SWISS:

P81534

Gene ID:

414325

Database links:

[Entrez Gene: 414325](#) Human

[Entrez Gene: 55894](#) Human

[Omim: 606611](#) Human

[SwissProt: P81534](#) Human

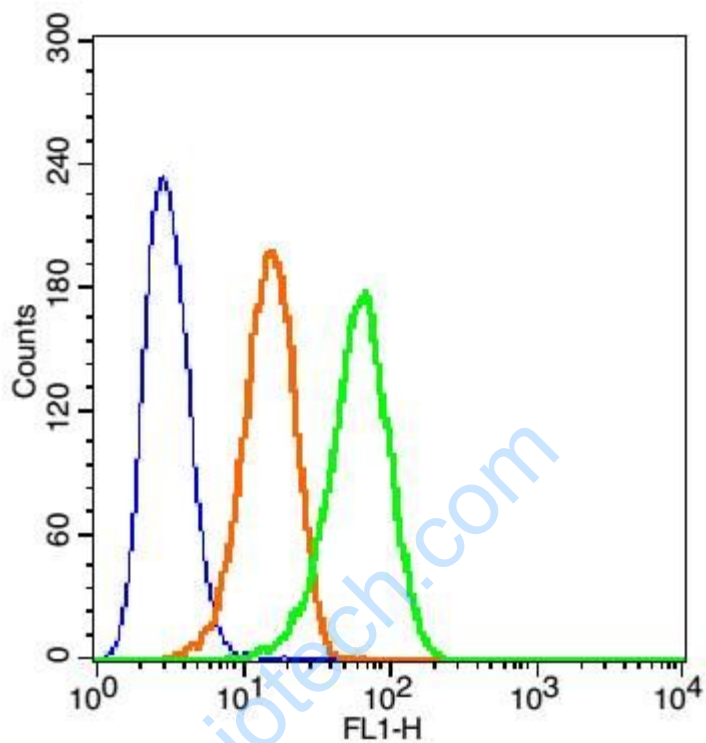
[Unigene: 283082](#) Human

[Unigene: 637221](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Picture:



Blank control(blue): Hep G2 Cells(fixed with 2% paraformaldehyde (10 min) and then permeabilized with ice-cold 90% methanol for 30 min on ice).

Primary Antibody: Rabbit Anti-beta Defensin 3/FITC Conjugated antibody (SL7378R), Dilution: 1 μ g in 100 μ L 1X PBS containing 0.5% BSA;

Isotype Control Antibody: Rabbit IgG/FITC(orange) ,used under the same conditions.