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beta Defensin 3 Rabbit pAb

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Catalog # AP58656

Product Information

Primary Accession	P81534
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	7697
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human beta Defensin 3
Epitope Specificity	23-67/67
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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-resistent E.faecium. No significant hemolytic activity was observed.

Additional Information

Gene ID	414325;55894
Other Names	Beta-defensin 103, Beta-defensin 3, BD-3, DEFB-3, HBD3, hBD-3, Defensin, beta 103, Defensin-like protein, DEFB103A, BD3, DEFB103, DEFB3
Dilution	Flow-Cyt=1 g/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	DEFB103A
Synonyms	BD3, DEFB103, DEFB3
Function	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.

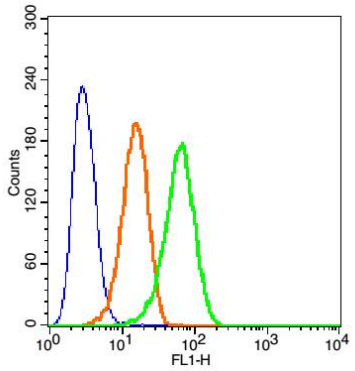
Cellular Location Secreted.

Tissue Location 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

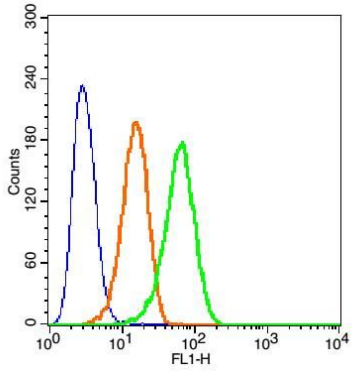
Background

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Images



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 (AP58656-FITC), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA; Isotype Control Antibody: Rabbit IgG/FITC(orange) ,used under the same conditions.



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