

beta Defensin 3 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58656

Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Human
Host
Clonality
Polyclonal
Calculated MW
Physical State
P81534
Human
Puman
Rabbit
Polyclonal
T697
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.

SIMILARITY Belongs to the beta-defensin family.

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

Target/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.

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:200-800,Flow-Cyt=1

Ig/Test,ELISA=1:5000-10000

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

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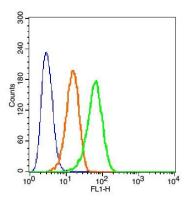
Cellular Location Secreted.

Tissue Location Highly expressed in skin and tonsils, and to a lesser extent in trachea, uterus,

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small intestine

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.