

DEFB103A / DEFB103B Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3627a**Specification**

DEFB103A / DEFB103B Antibody (internal region) - Product Information

Application	E
Primary Accession	P81534
Other Accession	NP_001075020.1 , NP_061131.1 , 414325 , 55894
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	7697

DEFB103A / DEFB103B Antibody (internal region) - 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

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DEFB103A / DEFB103B Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

DEFB103A / DEFB103B Antibody (internal region) - 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

DEFB103A / DEFB103B Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DEFB103A / DEFB103B Antibody (internal region) - Images**DEFB103A / DEFB103B Antibody (internal region) - References**

Human beta-defensin-1, -2, and -3 exhibit opposite effects on oral squamous cell carcinoma cell proliferation. Winter J, Pantelis A, Reich R, Martini M, Kraus D, Jepsen S, Allam JP, Novak N, Wenghoefer M. Cancer Invest. 2011 Mar;29(3):196-201. PMID: 21280982