

Datasheet for ABIN674574

anti-beta 2 Defensin antibody (AA 21-71)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	beta 2 Defensin (BD-2)
Binding Specificity:	AA 21-71
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This beta 2 Defensin antibody is un-conjugated
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Defensin Beta 2
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by Protein A.

Target Details

Target:	beta 2 Defensin (BD-2)
Alternative Name:	Defensin beta 2/DEFB2/HBD-2 (BD-2 Products)

Target Details

Background: Synonyms: BD-2, Beta-defensin 2, mBD-2, Defensin, beta 2, Defb2

Background: Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by inflammation. [provided by RefSeq, Jul 2008]

Gene ID: 13215

UniProt: [P82020](#)

Application Details

Application Notes: ELISA 1:500-1000
IHC-P 1:200-400
IHC-F 1:100-500
IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

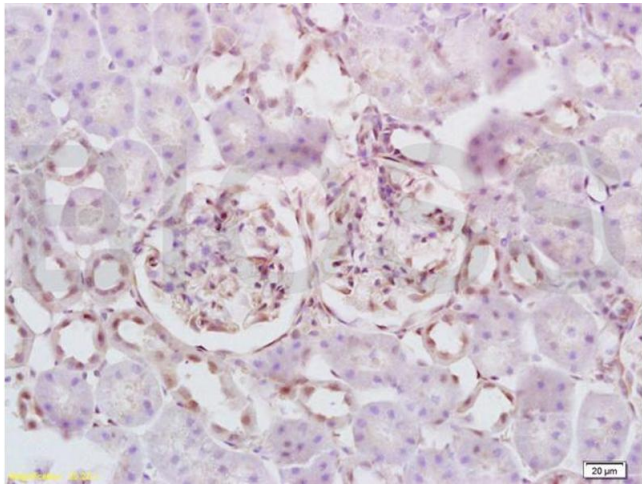
Expiry Date: 12 months

Publications

Product cited in: Arndt, Landthaler, Zimmermann, Unger, Wacker, Shimizu, Li, Morfill, Bosserhoff, Karrer: "Effects of cold atmospheric plasma (CAP) on β -defensins, inflammatory cytokines, and apoptosis-

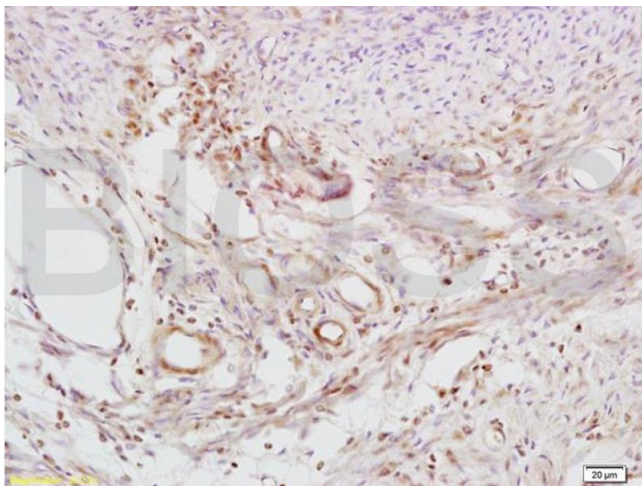
related molecules in keratinocytes in vitro and in vivo." in: **PLoS ONE**, Vol. 10, Issue 3, pp. e0120041, (2015) ([PubMed](#)).

Images



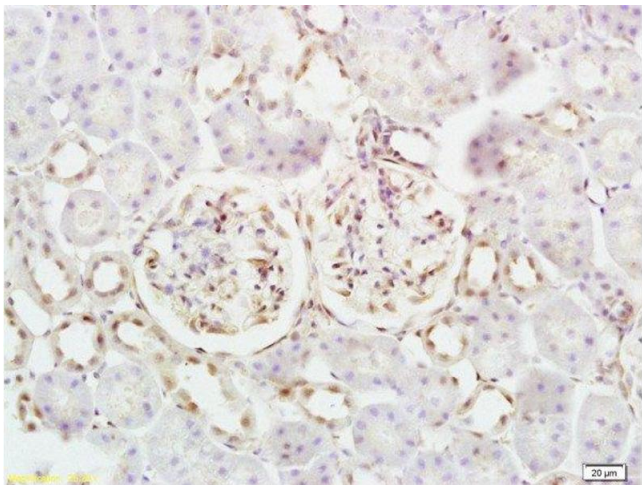
Immunohistochemistry

Image 1. Formalin-fixed and mouse kidney tissue labeled with Anti-Defensin-beta2/DEFB2/HBD-2 Polyclonal Antibody, Unconjugated (ABIN674574) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded mouse uterus tissue labeled with Anti-Defensin-beta2/DEFB2/HBD-2 Polyclonal Antibody, Unconjugated (ABIN674574) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and mouse kidney tissue labeled with Anti-Defensin-beta2/DEFB2/HBD-2 Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining