

## Product datasheet

# Anti-BD-3 antibody ab19270

★★★★☆ 1 Abreviews 4 References 1 图像

### 概述

产品名称	Anti-BD-3抗体
描述	兔多克隆抗体to BD-3
宿主	Rabbit
经测试应用	适用于: WB, ICC/IF
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human BD-3.
常规说明	Previously labelled as beta Defensin 3.

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: PBS, pH 7.4
纯度	Protein A purified
克隆	多克隆
同种型	IgG

### 应用

Our [Abpromise guarantee](#) covers the use of **ab19270** in the following tested applications.

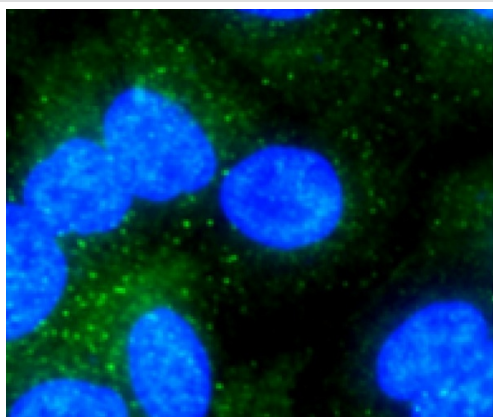
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Detects a band of approximately 5 kDa (predicted molecular weight: 5 kDa).
ICC/IF		Use at an assay dependent concentration. PubMed: 23627872

## 靶标

功能	Exhibits antimicrobial activity against Gram-positive bacteria <i>S.aureus</i> and <i>S.pyogenes</i> , Gram-negative bacteria <i>P.aeruginosa</i> and <i>E.coli</i> and the yeast <i>C.albicans</i> . Kills multiresistant <i>S.aureus</i> and vancomycin-resistant <i>E.faecium</i> . No significant hemolytic activity was observed.
组织特异性	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.
序列相似性	Belongs to the beta-defensin family.
细胞定位	Secreted.

## 图片



ab19270 staining BD-3 in the A549 cell line from Human Lung by ICC/IF (Immunocytochemistry/immunofluorescence) treated with cigarette smoke extract. Cells were fixed , permeabilized and blocked. Samples were incubated with primary antibody (1/500) for 1 hour. An Alexa Fluor®488-conjugated secondary antibody was used as the secondary antibody and DAPI used to stain the nuclei.

Immunocytochemistry/ Immunofluorescence - Anti-BD-3 antibody (ab19270)

Image from Pierson T et al., Tobacco Induced Diseases. 2013;11:10. Fig 2.; doi: 10.1186/1617-9625-11-10. Published by BioMed Central

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