

Product datasheet

Anti-DEFB-4 antibody ab70215

1 References 1 图像

概述

产品名称	Anti-DEFB-4抗体
描述	兔多克隆抗体to DEFB-4
宿主	Rabbit
经测试应用	适用于: ICC/IF, WB, Indirect ELISA, Sandwich ELISA
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human DEFB-4. Highly pure (>98%).
常规说明	Protein previously labeled as beta 4 Defensin.

性能

形式	Lyophilised:Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.5 mg/ml. Please note that if you receive this product in liquid form it has already been reconstituted as described and no further reconstitution is necessary.
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None Constituents: PBS, pH 7.2
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab70215** in the following tested applications.

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

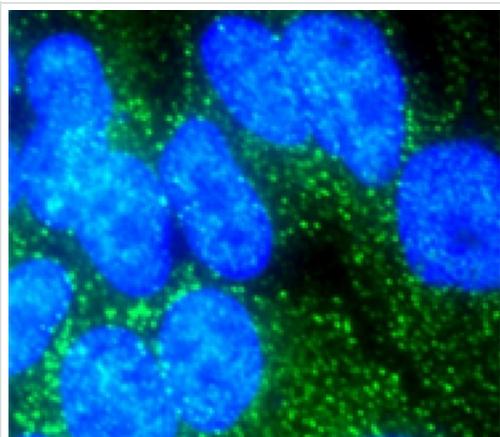
应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration. PubMed: 23627872

应用	Ab评论	说明
WB		Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 8 kDa.
Indirect ELISA		Use a concentration of 0.5 - 2 µg/ml. Can be paired for ELISA with Rabbit polyclonal to DEFB-4 (Biotin) ( <a href="#">ab70216</a> ).
Sandwich ELISA		Use a concentration of 0.5 - 2 µg/ml. Can be paired for Sandwich ELISA with <a href="#">Rabbit polyclonal to DEFB-4 (Biotin) (ab70216)</a> . Capture

## 靶标

功能	Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103.
组织特异性	High expression in the testis. Gastric antrum exhibited relatively high levels. A lower expression is observed in uterus and neutrophils thyroid gland, lung, and kidney. No detectable expression in other tissues tested.
序列相似性	Belongs to the beta-defensin family.
细胞定位	Secreted.

## 图片



Immunocytochemistry/ Immunofluorescence - Anti-DEFB-4 antibody ([ab70215](#))

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

ab70215 staining DEFB-4 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 was used as the secondary antibody and DAPI used to stain the nuclei.

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