

# DEFB4A Rabbit pAb

Catalog No.: A1643

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

7kDa

### Category

Primary antibody

### Applications

IHC-P,ELISA

### Cross-Reactivity

Mouse, Rat

## 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.

## Recommended Dilutions

**IHC-P** 1:100 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1673

### Swiss Prot

O15263

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-64 of human DEFB4A (NP\_004933.1).

### Synonyms

BD-2; SAP1; DEFB2; DEFB4; HBD-2; DEFB-2; DEFB102; DEFB4A

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

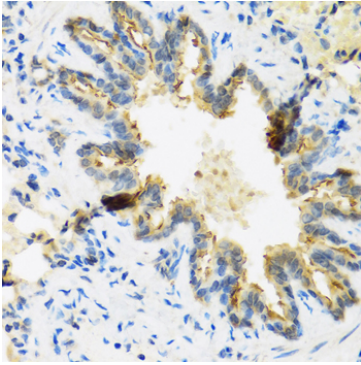
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

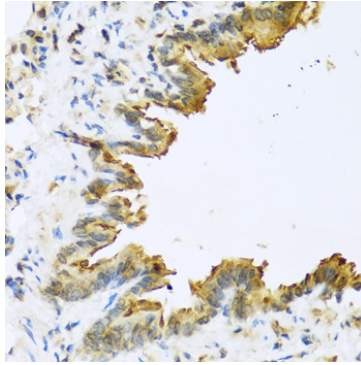
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data

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Immunohistochemistry analysis of paraffin-embedded Rat lung using DEFB4A Rabbit pAb (A1643) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using DEFB4A Rabbit pAb (A1643) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.