

# DEFB4A Rabbit pAb

Catalog No.: A25636

## Basic Information

### Observed MW

7kDa

### Calculated MW

7kDa

### Category

Primary antibody

### Applications

ELISA, WB, IF/ICC

### Cross-Reactivity

Human

## 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

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

## Immunogen Information

### Gene ID

1673

### Swiss Prot

O15263

### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-64 of human DEFB4A (NP\_004933.1).

### Synonyms

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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

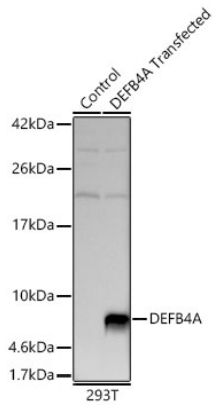
Affinity purification

### Storage

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

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with DEFB4A using DEFB4A Rabbit pAb(A25636) at 1:1000 dilution.

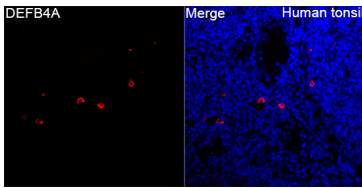
Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.

Lysates/proteins: 20 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection:ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunofluorescence analysis of paraffin-embedded Human tonsil tissue using DEFB4A Rabbit pAb (A25636) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.