

Datasheet for ABIN1537232  
**anti-DEFa3 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	DEFa3
Binding Specificity:	AA 38-65, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEFa3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This DEFA3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 38-65 amino acids from the C-terminal region of human DEFA3.
Clone:	RB30594
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	DEFa3
Alternative Name:	DEFA3 ( <a href="#">DEFa3 Products</a> )
Background:	Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host

## Target Details

defense. They are abundant in the granules of neutrophils and also found in the epithelia of mucosal surfaces such as those of the intestine, respiratory tract, urinary tract, and vagina. Members of the defensin family are highly similar in protein sequence and distinguished by a conserved cysteine motif. The protein encoded by this gene, defensin, alpha 3, is found in the microbicidal granules of neutrophils and likely plays a role in phagocyte-mediated host defense. Several alpha defensin genes are clustered on chromosome 8. This gene differs from defensin, alpha 1 by only one amino acid. This gene and the gene encoding defensin, alpha 1 are both subject to copy number variation.

Molecular Weight: 10245

Gene ID: 1668

NCBI Accession: [NP\\_005208](#)

UniProt: [P59666](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P-Leica: 1:500

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

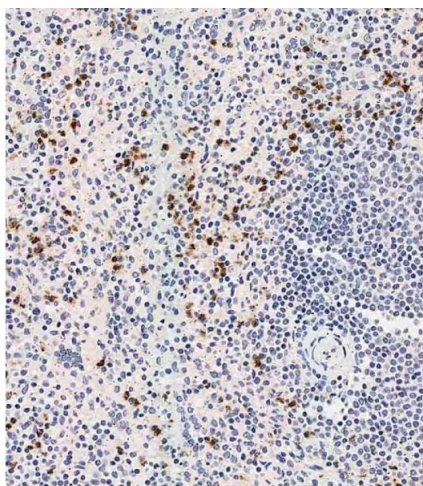
Preservative: Sodium azide

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

Storage: 4 °C, -20 °C

Storage Comment: DEFA3 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.

Expiry Date: 6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemical analysis of (ABIN1537232 and ABIN2838268) on paraffin-embedded human spleen tissue was performed on the Leica®BOND RXm. Tissue was fixed with formaldehyde at room temperature. Heat induced epitope retrieval was performed by EDTA buffer (pH 9.0). Samples were incubated with primary Antibody (1:500) for 15 min at room temperature. Leica Bond Polymer Refine Detection was used as the secondary antibody.



#### Western Blotting

**Image 2.** DEFA3 Antibody (C-term) (ABIN1537232 and ABIN2838268) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the DEFA3 antibody detected the DEFA3 protein (arrow).