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Datasheet for ABIN5001136

**anti-DEFA4 antibody (AA 41-97) (Alexa Fluor 680)**

## Overview

Quantity:	100 µL
Target:	DEFA4
Binding Specificity:	AA 41-97
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DEFA4 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Defensin alpha 4
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

## Target Details

Target:	DEFA4
Alternative Name:	Defensin alpha 4 ( <a href="#">DEFA4 Products</a> )
Background:	Synonyms: Neutrophil defensin 4, Defensin, alpha 4, HNP-4, HP-4, defensin, alpha 4,

## Target Details

corticostatin, neutrophil defensin 4 precursor, neutrophil defensin 4 preproprotein.

Background: Defensins are a family of microbicidal and cytotoxic peptides thought to be involved in host 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. Several alpha defensin genes are clustered on chromosome 8. This gene differs from other genes of this family by an extra 83-base segment that is apparently the result of a recent duplication within the coding region. The protein encoded by this gene, defensin, alpha 4, is found in the neutrophils, it exhibits corticostatic activity and inhibits corticotropin stimulated corticosterone production. [provided by RefSeq].

Gene ID:	1669
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## Application Details

Application Notes:	IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	1 µg/µL
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Buffer:	Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
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Preservative:	ProClin
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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Expiry Date:	12 months
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