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Datasheet for ABIN768645

## anti-beta Defensin 1 antibody (C-Term)

### Overview

Quantity:	100 µg
Target:	beta Defensin 1 (DEFB1)
Binding Specificity:	C-Term
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This beta Defensin 1 antibody is un-conjugated
Application:	ELISA

### Product Details

Purpose:	defensin, beta 1 (mouse)
Immunogen:	Peptide with sequence TKLQGTCKPKPN, from the C Terminus of the protein sequence according to NP_031869.1.
Sequence:	TKLQGTCKPD KPN
Isotype:	IgG
Specificity:	ADJUST NAMES AND SYMBOLS
Cross-Reactivity:	Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

## Target Details

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Target:	beta Defensin 1 (DEFB1)
Alternative Name:	Defb1 ( <a href="#">DEFB1 Products</a> )
Background:	Defb1, defensin beta 1, AL590630.1,AW260221, BD-1,beta-defensin 1
Molecular Weight:	7.75kDa
Gene ID:	13214, 83687
NCBI Accession:	<a href="#">NP_031869</a>

## Application Details

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Application Notes:	Western Blot: Not yet tested - our routinely used western blotting protocol does not allow detection of proteins as small as the calculated size of 7.75 kDa according to NP_031869.1. Therefore we cannot recommend an optimal concentration and the antibody Peptide ELISA: antibody detection limit dilution 1:4000.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.