

Datasheet for ABIN116327

**anti-alpha Defensin 1 antibody (Biotin)**[Go to Product page](#)

## Overview

Quantity:	25 µg
Target:	alpha Defensin 1 (DEFA1)
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This alpha Defensin 1 antibody is conjugated to Biotin
Application:	Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	Highly pure (>98%) E.coli derived Human recombinant NP-1.
Specificity:	Defensin alpha 1-3 (NP-1)
Purification:	Affinity Chromatography

## Target Details

Target:	alpha Defensin 1 (DEFA1)
Alternative Name:	Defensin alpha 1 ( <a href="#">DEFA1 Products</a> )
Background:	Defensins are a group of cyclic peptides containing 29-35 amino acids, which comprise approximately 30 % of the total protein content of neutrophil azurophilic granules. Various functions have been reported for the defensins, including antibacterial and antifungal activity and chemotactic activity for monocytes. Synonyms: DEF-1, DEF-3, DEF-A1, DEF-A2, DEF-A3, DEF1, DEF3, DEFA-1, DEFA-2, DEFA-3, DEFA1, DEFA2, DEFA3, Defensin alpha 1, Defensin alpha

## Target Details

	3, HNP-1, HNP-3, HNP1, HNP3, HP-1, HP-3, HP1, HP3, MRS, Neutrophil defensin 1, Neutrophil defensin 3
Gene ID:	1667
NCBI Accession:	<a href="#">NP_001035965</a>
UniProt:	<a href="#">P59665</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a>

## Application Details

Application Notes:	<p>ELISA: To detect hNP-1 by direct ELISA (using 100 l/well antibody solution) this antibody can be used at a concentration of 0.15 - 0.30 µg/mL. Used in conjunction with compatible secondary reagents, allows the detection of at least 0.2 ng/well of recombinant hNP-1. Western Blot: To detect hNP-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hNP-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>Other applications not tested.</p> <p>Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

## Handling

Reconstitution:	Restore in sterile water to a concentration of 0.1-1.0 mg/mL
Buffer:	PBS, pH 7.2 without preservatives
Preservative:	Without preservative
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody at 2-8 °C or in aliquots at -20 °C long term.