

## HNP-1 Antibody

Catalog No: #48371

Package Size: #48371-1 50ul #48371-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

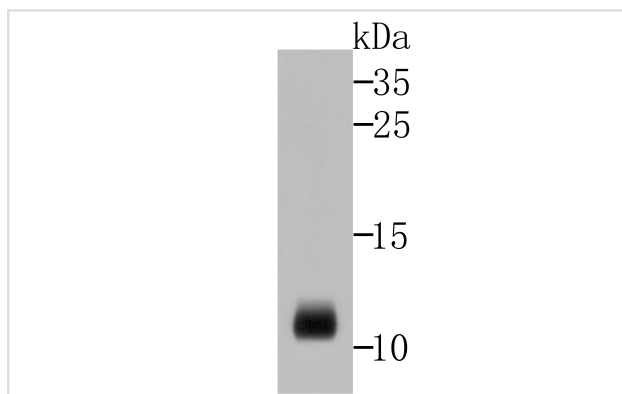
Product Name	HNP-1 Antibody
Host Species	Mouse
Clone No.	2D2
Purification	ProG affinity purified
Applications	WB,IHC
Species Reactivity	Hu, Rt
Immunogen Description	Peptide
Other Names	alpha 1 antibody DEF1 antibody DEF1_HUMAN antibody DEFA1 antibody DEFA1B antibody DEFA2 antibody Defensin 1 antibody Defensin antibody Defensin, alpha 1 antibody Defensin, alpha 1, myeloid related sequence antibody Defensin, alpha 2 antibody HNP-1 antibody HNP-2 antibody HNP1 antibody HP-1 antibody HP-2 antibody HP1 antibody HP2 antibody MRS antibody Myeloid related sequence antibody Neutrophil defensin 1 antibody Neutrophil defensin 2 antibody
Accession No.	Swiss-Prot#:P59665
Uniprot	P59665
GeneID	1667;728358;
Calculated MW	10 kDa
Concentration	2mg/ml
Formulation	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

## Application Details

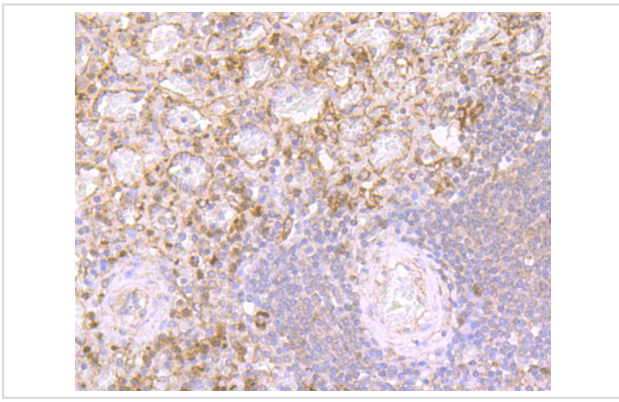
WB: 1:500-1:2,000

IHC: 1:50-1:200

## Images



Western blot analysis of HNP-1 on rat spleen tissue lysates using anti-HNP-1 antibody at 1/500 dilution.



Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-HNP-1 antibody. Counter stained with hematoxylin.

## Background

Defensins are a family of antimicrobial 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. The protein encoded by this gene, defensin, alpha 1, 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 3 by only one amino acid. This gene and the gene encoding defensin, alpha 3 are both subject to copy number variation.

Note: This product is for in vitro research use only