

Mouse anti-Human, Rat HNP-1 Monoclonal Antibody | anti-HNP-1 antibody

HNP-1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312015	Mouse	Human, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

HNP-1; Monoclonal Antibody; HNP-1 Antibody; alpha 1 antibody; DEF1 antibody; DEF1_HUMAN antibody; DEFA1 antibody; DEFA1B antibody; DEFA2 antibody; Defensin 1 antibody; Defensin antibody; Defensin; alpha 1; myeloid related sequence antibody; 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; anti-HNP-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Clone Number	2D2
Purity/Purification	ProG affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Concentration	2 mg/ml (varies by lot)
Applicable Applications for anti-HNP-1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Preparation and Storage	Store at -20°C.

IMAGES



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-HNP-1 antibody	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.
Product Categories/Family for anti-HNP-1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	85567619
NCBI GeneID	1667
UniProt Accession #	P59665; P11479; Q14125; Q6EZF6
Molecular Weight	Calculated MW: 10kDa
NCBI Official Full Name	Defensin, alpha 1, preproprotein
NCBI Official Synonym Full Names	defensin, alpha 1
NCBI Official Symbol	DEFA1
NCBI Official Synonym Symbols	HP1; MRS; DEF1; HP-1; DEFA2; HNP-1
NCBI Protein Information	neutrophil defensin 1; defensin, alpha 2; myeloid-related sequence; defensin, alpha 1, myeloid-related sequence
UniProt Protein Name	Neutrophil defensin 1
UniProt Gene Name	DEFA1
UniProt Synonym Gene Names	DEF1; DEFA2; MRS; HP-1; HP1; HP-2; HP2
UniProt Entry Name	DEF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hnp-1-antibody-clone-2d2-immunohistochemistry-western-blot-elisa/312015>