

HNP-1 monoclonal antibody

Catalog: MB9273

Host: Mouse

Reactivity: Human, Rat

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.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

10 kDa

Swiss-Prot:

P59665(Human)

Purification&Purity:

ProG affinity purified

Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

Storage&Stability:

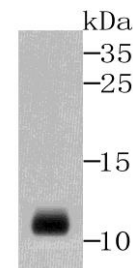
Store at +4 °C after thawing. Aliquot store at -20 °C or

-80 °C. Avoid repeated freeze / thaw cycles.

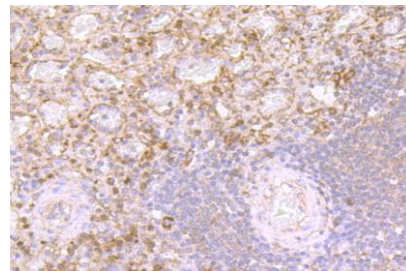
Specificity:

HNP-1 monoclonal antibody detects endogenous levels of HNP-1 protein.

DATA:



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.

Note:

For research use only, not for use in diagnostic procedure.

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