

## 防御素 $\alpha$ 13 抗体

产品货号 : mIR1697

英文名称 : DEFA1/alpha Defensin 1

中文名称 : 防御素  $\alpha$  1/3 抗体

别 名 : Defensin, alpha 1; alpha Defensin 1/3; alpha Defensin 1+3; ; Defensin alpha 3; HNP1; HNP3; HP1; DEF1\_HUMAN; Neutrophil defensin 1; HNP-1; HP-1; HP1; HP 1-56; Neutrophil defensin 1; Neutrophil defensin 2; HNP-2; HP-2; HP2; DEFA1; DEF1; DEFA2; MRS; DEF3\_HUMAN; Neutrophil defensin 3; Defensin, alpha 3; HNP-3; HP-3; HP3; HP 3-56;

研究领域 : 细胞生物

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Rat,

产品应用 : ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 6.7kDa

细胞定位 : 分泌型蛋白

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human alpha Defensin 1/3:66-94/94

**亚 型 :** IgG

**纯化方法 :** affinity purified by Protein A

**储 存 液 :** 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

**保存条件 :** Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** 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.

**Function:**

Defensin 1 and defensin 2 have antibacterial, fungicide and antiviral activities. Has antimicrobial activity against Gram-negative and Gram-positive bacteria. Defensins are thought to kill microbes by permeabilizing their plasma membrane.

**Subunit:**

Dimer.

**Subcellular Location:**

Secreted.

**Post-translational modifications:**

ADP-ribosylation drastically reduces cytotoxic and antibacterial activities, and enhances IL8 production.

Phosphorylation at Tyr-85 has been found in some cancer cell lines, and interferes with ADP-rybosylation.

**Similarity:**

Belongs to the alpha-defensin family.

**SWISS:**

P59665

**Gene ID:**

1667

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.