

Rabbit Anti-DEFA1/alpha Defensin 1/AF350 Conjugated antibody

SL1697R-AF350

Product Name	Anti-DEFA1/alpha Defensin 1/AF350
Chinese Name	AF350 标记的防御素 α 1/3 抗体
Alias	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;
Research Area	Cell biology
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Rat(predicted:Human) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	6.7kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human alpha Defensin 1/3
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	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.

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.

Database links:

[Entrez Gene: 1667](#) Human

[Entrez Gene: 1668](#) Human

[Entrez Gene: 728358](#) Human

[Entrez Gene: 13216](#) Mouse

[Omid: 125220](#) Human

[SwissProt: P59665](#) Human

[SwissProt: P59666](#) Human

[SwissProt: P11477](#) Mouse

[Unigene: 380781](#) Human

[Unigene: 654448](#) Human



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