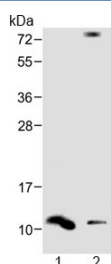


## DEFA1 Antibody / Alpha Defensin 1 (F54221)

Catalog No.	Formulation	Size
F54221-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54221-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity
<b>UniProt</b>	P59665
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This DEFA1 antibody is available for research use only.



Western blot testing of human 1) spleen and 2) liver lysate with DEFA1 antibody at 1:1000. Predicted molecular weight ~10 kDa.

## Description

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.

## Application Notes

Optimal dilution of the DEFA1 antibody should be determined by the researcher.

## Immunogen

A portion of amino acids 28-62 from the human protein was used as the immunogen for the DEFA1 antibody.

## Storage

Aliquot the DEFA1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.