

beta 2 Defensin antibody

Cat. No. GTX49324

Host	Goat
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, ELISA, Functional Assay
Reactivity	Human

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.1-0.2µg/ml
IHC-P	Assay dependent
ELISA	0.5-2.0µg/ml
Functional Assay	5-8µg/ml

Not tested in other applications.

Product Note

This antibody recognizes human Defensin beta-2 (BD-2), a ~4.3kDa cationic antimicrobial peptide, also known as Beta-defensin 4A or Skin-antimicrobial peptide 1 (SAP-1) expressed primarily by epithelial cells of the respiratory tract and skin, and an important component of the innate immune response against microbial infections. Expression of BD-2 is induced during inflammation in response to bacterial products and cytokines, and is initially expressed in a precursor form, which is cleaved to release the C-Terminal active portion of the protein which is secreted by the neutrophil and binds to bacterial membranes causing their disruption.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1 week), store at 4°C. For long-term storage, we recommend adding 0.09% sodium azide, then aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant human Defensin beta-2.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

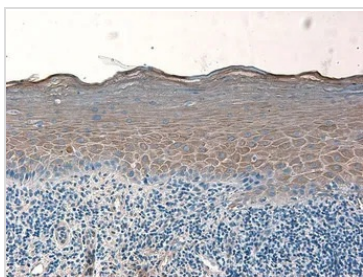
Date 2026 / 10 / 06 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

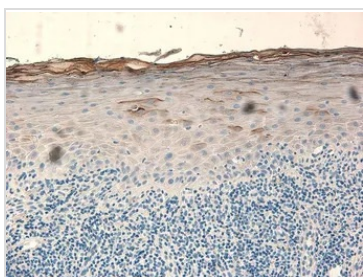
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DATA IMAGES



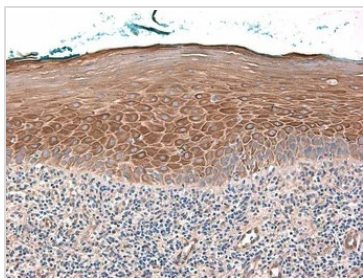
GTx49324 IHC-P Image

IHC-P analysis of inflamed oral mucosa using beta 2 Defensin antibody.



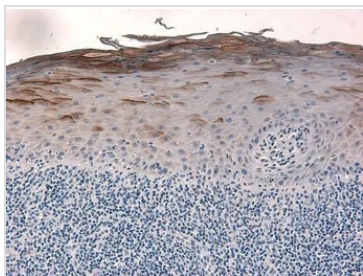
GTx49324 IHC-P Image

IHC-P analysis of inflamed oral mucosa using beta 2 Defensin antibody.



GTx49324 IHC-P Image

IHC-P analysis of inflamed oral mucosa using beta 2 Defensin antibody.



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