Product datasheet

Anti-beta 2 Defensin/BD-2 antibody ab63982

Overview

Product name: Anti-beta 2 Defensin/BD-2 antibody
Description: Rabbit polyclonal to beta 2 Defensin/BD-2
Host species: Rabbit
Specificity: Human 7 kDa beta 2 Defensin / hBD-2.
Tested applications: Suitable for: WB, IHC-P, IHC-Fr
Species reactivity: Reacts with: Human
Immunogen: Synthetic peptide corresponding to beta 2 Defensin/BD-2.
General notes: Previously labelled as beta 2 Defensin.

Properties

Form: Liquid
Storage buffer: Preservative: None
Purity: Whole antiserum
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab63982 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
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<td>IHC-P</td>
<td>1/500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.</td>
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Function Has antibacterial activity.
Tissue specificity Expressed in the skin and respiratory tract.
Sequence similarities Belongs to the beta-defensin family, LAP/TAP subfamily.
Cellular localization Secreted.

Images

ab63982 (1/500) staining beta 2 Defensin/BD-2 in human tonsil using an automated system (DAKO Autostainer Plus). Using this protocol there is strong cytoplasmic staining of a small population of cells within the tonsillar tissue.

Sections were rehydrated and antigen retrieved with the Dako 3 in 1 AR buffer EDTA pH 9.0 in a DAKO PT link. Slides were peroxidase blocked in 3% H2O2 in methanol for 10 mins. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 min and detected with Dako envision flex amplification kit for 30 minutes. Colorimetric detection was completed with Diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX.

Please note that, for manual staining, optimization of primary antibody concentration and incubation time is recommended. Signal amplification may be required.
ab63982 staining beta 2 Defensin/BD-2 in human pancreatic tissue by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue was fixed with formaldehyde and a heat mediated antigen retrieval step was performed. Samples were then incubated with the primary antibody at a 1/500 dilution for 1 hour at 25°C. An undiluted HRP-conjugated goat polyclonal was used as secondary antibody.

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