Product datasheet

Anti-alpha Defensin 1 antibody ab122884

Overview

Product name Anti-alpha Defensin 1 antibody
Description Goat polyclonal to alpha Defensin 1
Host species Goat
Tested applications Suitable for: WB, IHC-P
Species reactivity Reacts with: Human
Immunogen Synthetic peptide corresponding to Human alpha Defensin 1 (internal sequence) conjugated to keyhole limpet haemocyanin. (Peptide available as ab170591)

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form Liquid
Storage buffer pH: 7.30
Preservative: 0.02% Sodium azide
 Constituents: 99% Tris buffered saline, 0.5% BSA
Purity Protein G purified
Clonality Polyclonal
Isotype IgG

Applications
The Abpromise guarantee

Our Abpromise guarantee covers the use of ab122884 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<tr>
<td>WB</td>
<td></td>
<td>Use a concentration of 1 - 3 µg/ml. Detects a band of approximately 10 kDa (predicted molecular weight: 10 kDa).</td>
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<tr>
<td>IHC-P</td>
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<td>Use a concentration of 3.75 µg/ml.</td>
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Target

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.

Sequence similarities

Belongs to the alpha-defensin family.

Cellular localization

Secreted.

Images

Anti-alpha Defensin 1 antibody (ab122884) at 2 µg/ml + Human spleen lysate at 35 µg

Developed using the ECL technique.

**Predicted band size:** 10 kDa

**Additional bands at:** 20 kDa. We are unsure as to the identity of these extra bands.

An additional band of unknown identity was also consistently observed at 20kDa. This band was successfully blocked by incubation with the immunizing peptide.
ab122884, at 3.75 µg/ml, staining alpha Defensin 1 in Formalin-fixed, Paraffin-embedded Human Thymus (Myeloid Cells) tissue by Immunohistochemistry.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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