

## Product datasheet

# Anti-DEFB-4 antibody [L13-10-D1] ab14419

★★★★★ 1 Abreviews 4 References

### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-DEFB-4 antibody [L13-10-D1]   |
| <b>Description</b>         | Mouse monoclonal [L13-10-D1] to DEFB-4   |
| <b>Host species</b>        | Mouse  |
| <b>Tested applications</b> | <b>Suitable for:</b> ELISA, IHC-P, RIA, WB   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human  |
| <b>Immunogen</b>           | Synthetic peptide corresponding to Human DEFB-4 aa 25-61.<br>Sequence:<br>ELDRICGYGTARCRKKCRSQEYRIGRCPNTYACCLRK)<br><br>Database link: <a href="#">Q8WTQ1</a><br>(Peptide available as <a href="#">ab69499</a> )<br><br><a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>  |
| <b>Positive control</b>    | IHC-P: Uterus and kidney sections.   |
| <b>General notes</b>       | 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.<br><br>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

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| <b>Storage buffer</b>       | pH: 7.40<br>Constituent: 0.79% Tris HCl   |
| <b>Purity</b>               | Protein G purified  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | L13-10-D1   |
| <b>Isotype</b>              | IgG1  |

## Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab14419 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| ELISA       |           | Use at an assay dependent concentration.  |
| IHC-P       | ★★★★★ (1) | Use at an assay dependent concentration.  |
| RIA         |           | Use at an assay dependent concentration.  |
| WB          |           | Use at an assay dependent concentration. Can be blocked with <a href="#">Recombinant human DEFB-4 protein (ab69499)</a> . |

## Target

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|                              |   |
|------------------------------|---|
| <b>Function</b>              | Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103.  |
| <b>Tissue specificity</b>    | High expression in the testis. Gastric antrum exhibited relatively high levels. A lower expression is observed in uterus and neutrophils thyroid gland, lung, and kidney. No detectable expression in other tissues tested. |
| <b>Sequence similarities</b> | Belongs to the beta-defensin family.  |
| <b>Cellular localization</b> | Secreted.   |

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

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