

Product datasheet

Anti-beta 4 Defensin antibody (Biotin) ab70216

Overview

| | |
|----------------------------|--|
| Product name | Anti-beta 4 Defensin antibody (Biotin) |
| Description | Rabbit polyclonal to beta 4 Defensin (Biotin) |
| Host species | Rabbit |
| Conjugation | Biotin |
| Tested applications | Suitable for: WB, Sandwich ELISA |
| Species reactivity | Reacts with: Human |
| Immunogen | Highly pure (>98%) Human Recombinant full length beta 4 Defensin |

Properties

| | |
|-----------------------------|--|
| Form | Lyophilised:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 0.1-1.0 mg/ml. |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: None Constituents: PBS, pH 7.2 |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab70216** 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 |
|----------------|-----------|--|
| WB | | Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 8 kDa. |
| Sandwich ELISA | | Use a concentration of 0.25 - 1 µg/ml. Can be paired for Sandwich ELISA with Rabbit polyclonal to beta 4 Defensin (ab70215) . Can be used as Detection antibody. |

Target

| | |
|------------------------------|---|
| Function | Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103. |
| Tissue specificity | 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. |
| Sequence similarities | Belongs to the beta-defensin family. |
| Cellular localization | Secreted. |

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors