


Product datasheet

Anti-beta 4 Defensin antibody ab123514

Overview

**Product name** Anti-beta 4 Defensin antibody  
**Description** Goat polyclonal to beta 4 Defensin

 **This product is a [fast track antibody](#). It has been affinity purified and shows high titre values against the immunizing peptide by ELISA.**

[Read the terms of use »](#)

**Host species** Goat  
**Species reactivity**

**Predicted to work with:** Human, Chimpanzee, Gorilla 

**Immunogen** Synthetic peptide:  
 CRKKCRSQEYRIGR  
 , corresponding to internal sequence amino acids 37-50 of Human beta 4 Defensin (NP\_525128.2; NP\_001035792.1)

 [Run BLAST with](#)

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Properties

**Form** Liquid  
**Storage instructions** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
**Storage buffer** pH: 7.30  
 Preservative: 0.02% Sodium azide  
 Constituents: 99% Tris buffered saline, 0.5% BSA  
**Purity** Immunogen affinity purified  
**Purification notes** Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  
**Clonality** Polyclonal  
**Isotype** IgG

Target

**Function** 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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