

**DEFB104A / DEFB104B (aa37-50) Antibody (internal region)**  
Peptide-affinity purified goat antibody  
Catalog # AF3624a

**Specification**

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**DEFB104A / DEFB104B (aa37-50) Antibody (internal region) - Product Information**

Application	E
Primary Accession	<a href="#">O8WTO1</a>
Other Accession	<a href="#">NP_525128.2</a> , <a href="#">NP_001035792.1</a> , <a href="#">140596</a> , <a href="#">503618</a>
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	8526

**DEFB104A / DEFB104B (aa37-50) Antibody (internal region) - Additional Information**

**Gene ID** 140596;503618

**Other Names**

Beta-defensin 104, Beta-defensin 4, BD-4, DEFB-4, hBD-4, Defensin, beta 104, DEFB104A, DEFB104, DEFB4

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DEFB104A / DEFB104B (aa37-50) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

**DEFB104A / DEFB104B (aa37-50) Antibody (internal region) - Protein Information**

**Name** DEFB104A

**Synonyms** DEFB104, DEFB4

**Function**

Has antimicrobial activity. Synergistic effects with lysozyme and DEFB103.

**Cellular Location**

Secreted.

**Tissue Location**

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.

**DEFB104A / DEFB104B (aa37-50) Antibody (internal region) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DEFB104A / DEFB104B (aa37-50) Antibody (internal region) - Images****DEFB104A / DEFB104B (aa37-50) Antibody (internal region) - References**

Polymorphisms of beta defensins are associated with the risk of severe acute pancreatitis.  
Tiszlavicz Z, Szabolcs A, Takács T, Farkas G, Kovács-Nagy R, Szántai E, Sasvári-Székely M, Mándi Y.  
Pancreatology. 2010;10(4):483-90. PMID: 20720450