

Datasheet for ABIN192001

anti-Defensin beta 4 antibody (AA 3-39)



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1 Image

Overview

Quantity:	0.1 mg
Target:	Defensin beta 4 (DEFB4)
Binding Specificity:	AA 3-39
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Defensin beta 4 antibody is un-conjugated
Application:	Western Blotting (WB), Radioimmunoassay (RIA), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic human β -Defensin 4 (aa 3-39)AA Sequence: ELDRICGYGTARCRKK(-)CRSQEYRIGRCPNTYACCLRK
Clone:	L13-10-D1
Isotype:	IgG1
Specificity:	This antibody detects Human beta-Defensin 4 (aa 3-39). There was cross reactivity obtained with Human beta-Defensin 1, beta-Defensin 2 and beta-Defensin 3.
Characteristics:	Synonyms: DEFB104A, DEFB104B, DEFB4, Beta-defensin 4, BD-4, hBD-4, DEFB-4, DEFB104
Purification:	Protein G Chromatography

Target Details

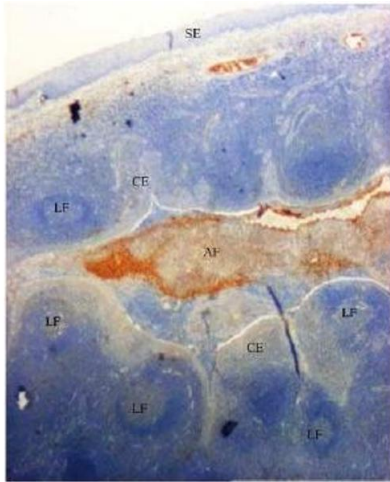
Target:	Defensin beta 4 (DEFB4)
Alternative Name:	Defensin beta 4 (DEFB4 Products)
Background:	<p>Beta 4 Defensin has antimicrobial activity and synergistic effects with lysozyme and DEFB103. High expression levels are seen in the testis. Gastric antrum also exhibits relatively high levels. A lower expression is observed in uterus and neutrophils thyroid gland, lung, and kidney. No detectable expression was observed in other tissues tested. Antimicrobial activity is decreased when the sodium chloride concentration is increased. Beta 4 Defensin belongs to the beta-defensin family. Synonyms: BD-4, Beta-defensin 4, DEFB-4, DEFB104, DEFB104A, DEFB104B, DEFB4, hBD-4</p>
Gene ID:	140596
UniProt:	Q8WTQ1

Application Details

Application Notes:	<p>ELISA. RIA. Western blot. Immunohistochemistry (paraffin sections kidney 1 µg/mL). Immunohistochemistry on frozen sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in aqua bidest to 1 mg/mL.
Buffer:	50 mM TRIS pH 7,4
Storage:	4 °C/-20 °C
Storage Comment:	<p>Store lyophilized at 2 - 8 °C and reconstituted at -20 °C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.</p>
Expiry Date:	12 months



Immunohistochemistry

Image 1.