

DEFB104A Antibody

Catalog No: #43654

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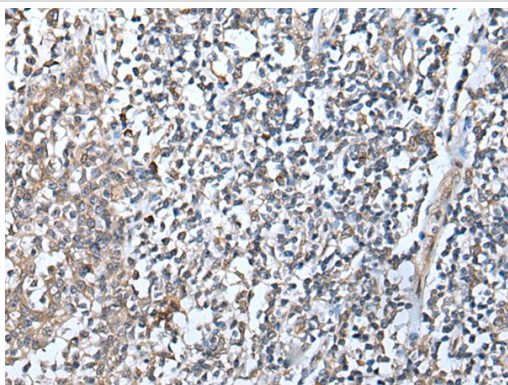
Description

Product Name	DEFB104A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total DEFB104A protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human DEFB104A
Target Name	DEFB104A
Other Names	BD-4; DEFB4; hBD-4; DEFB-4; DEFB104
Accession No.	Swiss-Prot#: Q8WTQ1NCBI Gene ID: 140596
Uniprot	Q8WTQ1
GeneID	140596;503618;
Concentration	1.1mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

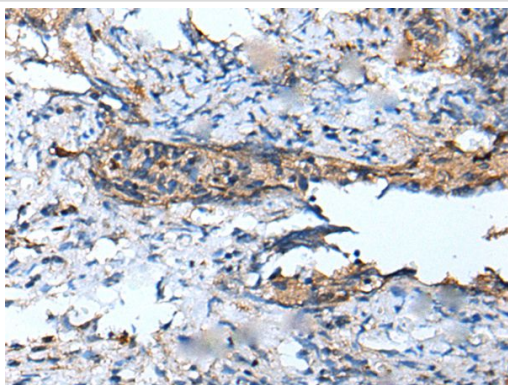
Application Details

Immunohistochemistry: 1: 100-250

Images



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using DEFB104A Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using DEFB104A Antibody at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: x200)

Background

Defensins form a family of antimicrobial and cytotoxic peptides made by neutrophils. Defensins are short, processed peptide molecules that are classified by structure into three groups: alpha-defensins, beta-defensins and theta-defensins. All beta-defensin genes are densely clustered in four to five syntenic chromosomal regions. Chromosome 8p23 contains at least two copies of the duplicated beta-defensin cluster. This duplication results in two identical copies of defensin, beta 104, DEFB104A and DEFB104B, in head-to-head orientation. This gene, DEFB104A, represents the more centromeric copy.

Note: This product is for in vitro research use only