



Rabbit Anti-Defensin beta 2 antibody

SL1295R

Product Name:	Defensin beta 2
Chinese Name:	防御素β2/Defensin β2抗体
Alias:	beta Defensin 2; beta-defensin 2; mBD-2; Defensin, beta 2; Defb2; MGC129140; MGC129141; Skin-antimicrobial peptide 1; SAP1; BD-2; BD 2; BD2; Beta 4 Defensin; DEF B2; DEF B4; DEFB 102; DEFB 2; DEFB-2; DEFB 4; DEFB102; DEFB2; DEFB4; Defensin 4 beta; Defensin beta 4; HBD-2; HBD 2; HBD2; SAP 1; SAP1; Skin antimicrobial peptide 1; DFB4A_HUMAN; DEFB4A; DEFB2_MOUSE.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Mouse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	6kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from mouse beta 2 Defensin:21-71/71
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Defensins form a family of microbicidal and cytotoxic peptides made by neutrophils. Members of the defensin family are highly similar in protein sequence. This gene encodes defensin, beta 4, an antibiotic peptide which is locally regulated by

inflammation. [provided by RefSeq, Jul 2008]

Function:

Has bactericidal activity.

Subcellular Location:

Secreted.

Tissue Specificity:

Kidney, uterus and to a lesser extent in heart.

Similarity:

Belongs to the beta-defensin family.

SWISS:

P82020

Gene ID:

13215

Database links:

[Entrez Gene: 13215](#) Mouse

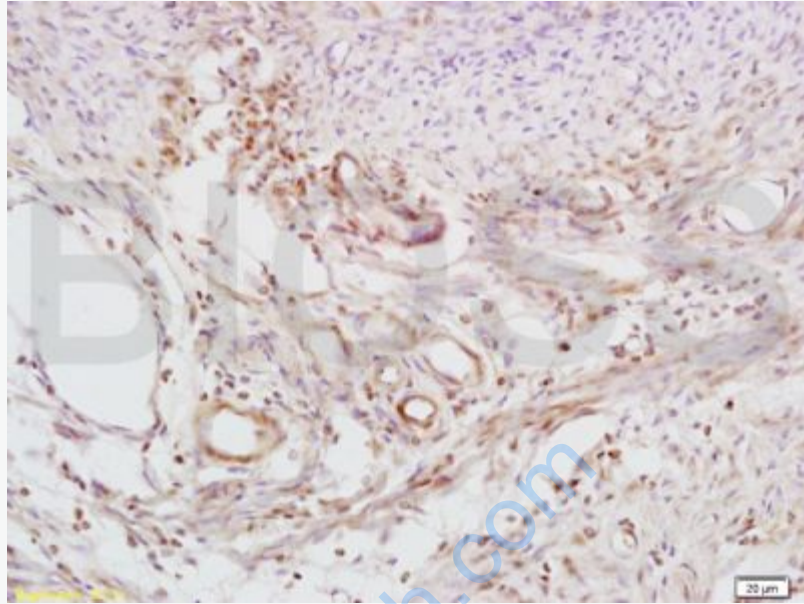
Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

防御素在人体中广泛分布的, 目前已知的 α -防御素有6种, 研究人员从人体的肾脏、气管、鼻粘膜与唾液中也发现了两种 β 防御素, 在许多器官的epithelial cells与非上皮组织的细胞中发现了 β -防御素。

Defensin

β 2在维持机体天然免疫功能、介导炎症反应以及调节特异性免疫中的作用引起人们的重视, 防御素的表达与病原体的入侵紧密相关。



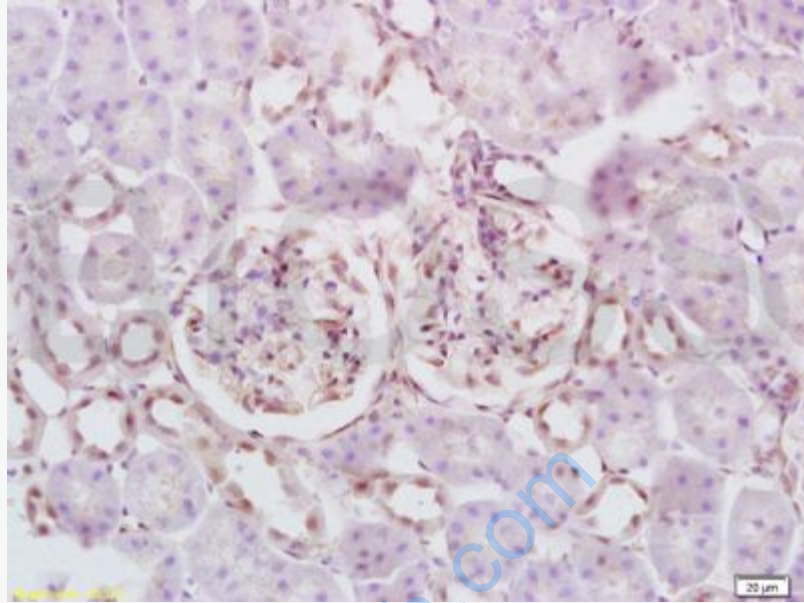
Picture:

Tissue/cell: mouse uterus tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-Defensin-beta2/DEFB2/HBD-2 Polyclonal Antibody,

Unconjugated(SL1295R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

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