



Rabbit Anti-Defensin beta 2 antibody

SL4307R

Product Name:	Defensin beta 2
Chinese Name:	防御素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; DFB4A RAT; DEFB4A.
文献引用 PubMed :	Specific References(1) SL4307R has been referenced in 1 publications. [IF=2.38]Al-Samadi, Ahmed, et al. "Increased beta 2 defensin in recurrent aphthous ulcer." Oral Diseases (2014).IHC-P;Human. PubMed:24854020
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=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:	4kDa
Cellular localization:	Secretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human beta 2 Defensin:24-64/64
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:	<p>Beta-defensins (also designated BD, and hBD in human) are small cationic peptides with broad-spectrum antimicrobial activity. Produced in mucosal epithelia and neutrophils of several species, Beta-defensins are developmentally regulated. Human b-defensin 2 is locally regulated by inflammation and is the first member of the b-defensin family that is locally inducible by inflammation. The murine homolog of human b-defensin 2, which is called b-defensin 3, is present in the respiratory system and in low levels in the epithelial cells of the intestine and lung. The unique murine b-defensin 2 (Defb2) is not expressed in airways of untreated mice, but is upregulated in the airways by lipopolysaccharide and may contribute to host defense at the mucosal surface of the airways</p> <p>Function: Has antibacterial activity.</p> <p>Subcellular Location: Secreted.</p> <p>Tissue Specificity: Expressed in the skin and respiratory tract.</p> <p>Similarity: Belongs to the beta-defensin family. LAP/TAP subfamily.</p> <p>SWISS: O15263</p> <p>Gene ID: 1673</p> <p>Database links:</p> <p>Entrez Gene: 100289462Human</p> <p>Entrez Gene: 1673Human</p> <p>Omim: 602215Human</p> <p>SwissProt: O15263Human</p> <p>Unigene: 105924Human</p> <p>Unigene: 721744Human</p>

Important Note:

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

www.sunlongbiotech.com