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[Marker Primary Antibody]

Rabbit Anti-defensin beta 2/FITC Conjugated antibody

Catalog Number: SL1296R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-defensin beta 2/FITC
Immunogen:	KLH conjugated synthetic peptide derived from rat beta 2 Defensin
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Rat)
Background:	background: 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] **Subcellular Location:** Secreted. **Tissue Specificity:** Expressed in the skin and respiratory tract. **Similarity:** Belongs to the beta-defensin family. LAP/TAP subfamily. **Database links:** Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications. Defensins are widely distributed in the human body， There are currently 6 known types of α-defensins， Researchers have also discovered two β-defensins in the human kidney, trachea, nasal mucosa, and saliva， It has been

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	found in epithelial cells of many organs and in cells of non-epithelial tissuesβ－Defensin。 Defensin β2Its role in maintaining the body's natural immune function, mediating inflammatory responses, and regulating specific immunity has attracted people's attention， The expression of defensins is closely related to pathogen invasion。

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