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Datasheet for ABIN893852

anti-beta Defensin 1 antibody (AA 33-68) (Alexa Fluor 488)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | beta Defensin 1 (DEFB1) |
| Binding Specificity: | AA 33-68 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This beta Defensin 1 antibody is conjugated to Alexa Fluor 488 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from rat Defensin Beta 1 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Predicted Reactivity: | Mouse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | beta Defensin 1 (DEFB1) |
| Alternative Name: | beta Defensin 1 (DEFB1 Products) |

Target Details

Background: Synonyms: Beta-defensin 1, BD-1, rBD-1, Defensin, beta 1, Defb1

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 1, an antimicrobial peptide implicated in the resistance of epithelial surfaces to microbial colonization. This gene maps in close proximity to defensin family member, defensin, alpha 1 and has been implicated in the pathogenesis of cystic fibrosis. The mature form of Beta defensin 1 is 36 amino acids.

Gene ID: 83687

UniProt: [O89117](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months