

Datasheet for ABIN2810293

**anti-beta Defensin 1 antibody (AA 33-68) (AbBy Fluor® 594)**[Go to Product page](#)

## 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 AbBy Fluor® 594  |
| 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 ( <a href="#">DEFB1 Products</a> ) |

## Target Details

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**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.

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**Gene ID:** 83687

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**UniProt:** [O89117](#)

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## Application Details

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

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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

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**Expiry Date:** 12 months

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