

Datasheet for ABIN7153195  
**anti-FZD8 antibody (AA 55-233) (FITC)**



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## Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µg                                   |
| Target:              | FZD8                                     |
| Binding Specificity: | AA 55-233                                |
| Reactivity:          | Human                                    |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This FZD8 antibody is conjugated to FITC |
| Application:         | Please inquire                           |

## Product Details

|                   |                                                 |
|-------------------|-------------------------------------------------|
| Immunogen:        | Recombinant Human Frizzled-8 protein (55-233AA) |
| Isotype:          | IgG                                             |
| Cross-Reactivity: | Human                                           |
| Purification:     | >95%, Protein G purified                        |

## Target Details

|                   |                                                                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | FZD8                                                                                                                                                                                  |
| Alternative Name: | FZD8 ( <a href="#">FZD8 Products</a> )                                                                                                                                                |
| Background:       | Background: Receptor for Wnt proteins. Component of the Wnt-Fzd-LRP5-LRP6 complex that triggers beta-catenin signaling through inducing aggregation of receptor-ligand complexes into |

## Target Details

ribosome-sized signalosomes. The beta-catenin canonical signaling pathway leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues. Coreceptor along with RYK of Wnt proteins, such as WNT1.

Aliases: Frizzled 8 seven transmembrane spanning receptor antibody, frizzled 8, seven transmembrane spanning receptor antibody, Frizzled family receptor 8 antibody, frizzled homolog 8 (Drosophila) antibody, Frizzled homolog 8 antibody, Frizzled-8 antibody, FZ 8 antibody, Fz-8 antibody, FZ8 antibody, FZD 8 antibody, FZD8 antibody, FZD8\_HUMAN antibody, hFZ 8 antibody, hFz8 antibody, HGNC4046 antibody, Homolog of Drosophila Frizzled 8 antibody

UniProt: [Q9H461](#)

Pathways: [WNT Signaling](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.