

## Product datasheet for **TA344085**

### Frizzled 8 (FZD8) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FZD8 antibody: synthetic peptide directed towards the N terminal of human FZD8. Synthetic peptide located within the following region: PDTLCMDYNRTDLTTAAPSPRRLLPPPPGEGPPSGSGHGRPPGARPPHR
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	73 kDa
Gene Name:	frizzled class receptor 8
Database Link:	<a href="#">NP_114072</a> <a href="#">Entrez Gene 8325 Human</a> <a href="#">Q9H461</a>



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**Background:**

FZD8 is a member of the frizzled family. Members of this family are seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This protein is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined. This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This gene is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined.

**Synonyms:**

FZ-8; hFZ8

**Note:**

Immunogen Sequence Homology: Dog: 100%; Human: 100%; Mouse: 93%; Rat: 92%

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway

**Product images:**

WB Suggested Anti-FZD8 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: MCF7 cell lysate