

**MB0036**

**FZD5 Antibody**



- 50ul
- 100 uL

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**Description:**

Receptor for Wnt proteins. Can activate WNT2, WNT10B, WNT5A, but not WNT2B or WNT4 (in vitro); the in vivo situation may be different since not all of these are known to be coexpressed (By similarity). In neurons, activation of WNT7A promotes formation of synapses. Functions in the canonical Wnt/beta-catenin signaling pathway. The canonical Wnt/beta-catenin 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 (By similarity). 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 (Probable). Plays a role in yolk sac angiogenesis and in placental vascularization (By similarity).

**Uniprot :** Q13467

**Alternative Names:**

C2orf31; DKFZP434E2135; Frizzled 5 seven transmembrane spanning receptor; Frizzled class receptor 5; Frizzled family receptor 5; Frizzled homolog 5; Frizzled-5; Frizzled5; Fz 5; Fz-5; Fz5; FZD 5; fzd5; FZD5\_HUMAN; FzE 5; FzE5; HFZ 5; hFz5; MGC129692; Seven transmembrane receptor frizzled 5; Uncharacterized protein C2orf31; Wnt receptor;

**Specificity:**

FZD5 antibody detects endogenous levels of total FZD5.

**Reactivity :** Human

**Source :** Mouse

**Mol.Wt. :** 64.5kD; 65kDa(Calculated).

**Storage Condition:**

Store at -20 °C. Stable for 12 months from date of receipt.

**Application:**

WB,ELISA,FCM

**Recommended dilution**

WB 1:500-1:2000 ELISA 1: 2000 FCM 1: 50