

Anti-Frizzled 5 Antibody

Catalog # AP95834

Product Information

Application	WB, FC
Primary Accession	Q13467
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	64507

Additional Information

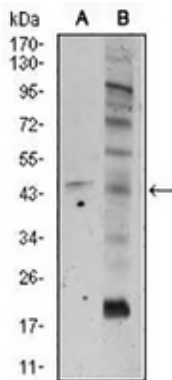
Gene ID	7855
Other Names	C2orf31; Frizzled-5; Fz-5; hFz5; FzE5
Target/Specificity	Recombinant fusion protein of human Frizzled 5 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

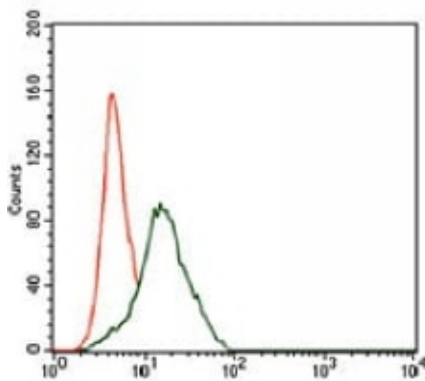
Name	FZD5
Synonyms	C2orf31
Function	Receptor for Wnt proteins (PubMed: 10097073 , PubMed: 20530549 , PubMed: 26908622 , PubMed: 9054360). Functions in the canonical Wnt/beta-catenin signaling pathway. In vitro activates WNT2, WNT10B, WNT5A, but not WNT2B or WNT4 signaling (By similarity). In neurons, activation by WNT7A promotes formation of synapses (PubMed: 20530549). 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). Plays a role in ocular development (PubMed: 26908622).
Cellular Location	Cell membrane; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q8CHL0}. Golgi apparatus membrane {ECO:0000250 UniProtKB:Q9EQD0}; Multi-pass membrane protein {ECO:0000250 UniProtKB:Q9EQD0}. Synapse {ECO:0000250 UniProtKB:Q8CHL0}. Perikaryon {ECO:0000250 UniProtKB:Q8CHL0}. Cell projection, dendrite

{ECO:0000250|UniProtKB:Q8CHL0}. Cell projection, axon
{ECO:0000250|UniProtKB:Q8CHL0}. Note=Localized at the plasma membrane
and also found at the Golgi apparatus. {ECO:0000250|UniProtKB:Q9EQD0}

Images



Western blot analysis of Frizzled 5 expression in A549 (A), PC3 (B) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 47 kD)



Flow cytometric analysis of HepG2 cells using Anti-Frizzled 5 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.