



# Mouse anti-Human FZD4 polyclonal antibody (DPAB-DC3404)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This 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 protein may play a role as a positive regulator of the Wingless type MMTV integration site signaling pathway. A transcript variant retaining intronic sequence and encoding a shorter isoform has been described, however, its expression is not supported by other experimental evidence.
<b>Immunogen</b>	FZD4 (NP_036325, 107 a.a. ~ 206 a.a) partial recombinant protein with GST tag. The sequence is TEKINIPGPGGMCLSVKRRCEPVLKEFGFAWPESLNCSKFPPQNDHNHMCMEPGDEE VPLPHKTPIQPGEECHSVGTNSDQYIWVKRSLNCVLKCGY
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">FZD4 frizzled class receptor 4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FZD4
<b>Synonyms</b>	FZD4; frizzled class receptor 4; Fz4; EVR1; FEVR; Fz-4; FzE4; GPCR; hFz4; CD344; FZD4S; frizzled-4; frizzled homolog 4; WNT receptor frizzled-4; frizzled family receptor 4; frizzled 4, seven transmembrane spanning receptor;
<b>Entrez Gene ID</b>	<a href="#">8322</a>
<b>Protein Refseq</b>	<a href="#">NP_036325</a>
<b>UniProt ID</b>	<a href="#">Q9ULV1</a>
<b>Chromosome Location</b>	11q14.2
<b>Pathway</b>	Asymmetric localization of PCP proteins; Basal cell carcinoma; Class B2 (Secretin family receptors); HTLV-I infection
<b>Function</b>	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding

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