



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

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	FZD4 (NP_036325, 107 a.a. ~ 206 a.a) partial recombinant protein with GST tag. The sequence is TEKINIPGPGGMCLSVKRRCEPVLKEFGFAWPESLNCSKFPPQNDHNHMCMEGPGDEE VPLPHKTPIQPGEECHSVGTNSDQYIWVKRSLNCLVKCGY
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	FZD4 frizzled class receptor 4 [Homo sapiens (human)]
Official Symbol	FZD4
Synonyms	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;
Entrez Gene ID	8322
Protein Refseq	NP_036325
UniProt ID	Q9ULV1
Chromosome Location	11q14.2
Pathway	Asymmetric localization of PCP proteins; Basal cell carcinoma; Class B/2 (Secretin family receptors); HTLV-I infection
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding