



# Mouse anti-Human FZD2 polyclonal antibody (DPAB-DC1184)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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. This gene encodes a protein that is coupled to the beta-catenin canonical signaling pathway. Competition between the wingless-type MMTV integration site family, member 3A and wingless-type MMTV integration site family, member 5A gene products for binding of this protein is thought to regulate the beta-catenin-dependent and -independent pathways.
<b>Immunogen</b>	FZD2 (NP_001457, 192 a.a. ~ 245 a.a) partial recombinant protein with GST tag. The sequence is YATLEHPFHCPRVLKVPSYLSYKFLGERDCAAPCEPARPDGSMFFSQEETRFAR
<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

<b>Gene Name</b>	<a href="#">FZD2 frizzled class receptor 2 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FZD2
<b>Synonyms</b>	FZD2; frizzled class receptor 2; Fz2; fz-2; fzE2; hFz2; frizzled-2; frizzled homolog 2; frizzled family receptor 2; frizzled 2, seven transmembrane spanning receptor;
<b>Entrez Gene ID</b>	<a href="#">2535</a>
<b>Protein Refseq</b>	<a href="#">NP_001457</a>
<b>UniProt ID</b>	<a href="#">Q14332</a>
<b>Chromosome Location</b>	17q21.1
<b>Pathway</b>	Asymmetric localization of PCP proteins; Basal cell carcinoma; Class B/2 (Secretin family receptors); HTLV-I infection
<b>Function</b>	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding