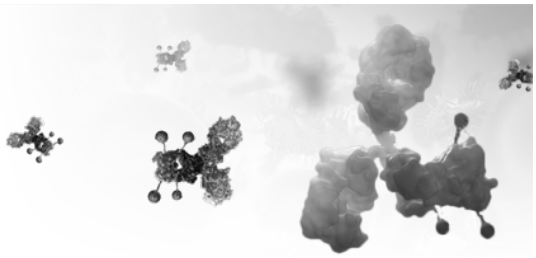

Mouse anti-Human FZD2 monoclonal antibody, clone 3D9 (CABT-B10291)

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

PRODUCT INFORMATION

Immunogen	FZD2 (NP_001457, 192 a.a. ~ 246 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	3D9
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	YATLEHPFHCPRVLKVPSYLSYKFLGERDCAAPCEPARPDGSMFFSQEETRFAR*
Format	Liquid
Size	50 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	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

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	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. [provided by RefSeq, Dec 2010]
Keywords	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;

GENE INFORMATION

Entrez Gene ID	2535
UniProt ID	Q86UZ8
Pathway	Basal cell carcinoma, organism-specific biosystem; Basal cell carcinoma, conserved biosystem; Class B/2 (Secretin family receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt receptor activity; Wnt-protein binding; protein heterodimerization activity

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