



Frizzled-5 Monoclonal Antibody

Catalog No	BYmab-13258
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	FZD5
Protein Name	Frizzled-5
Immunogen	The antiserum was produced against synthesized peptide derived from human FZD5. AA range:461-510
Specificity	Frizzled-5 Monoclonal Antibody detects endogenous levels of Frizzled-5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FZD5; C2orf31; Frizzled-5; Fz-5; hFz5; FzE5
Observed Band	65kD
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Golgi apparatus membrane ; Multi-pass membrane protein . Cell junction, synapse . Perikaryon . Cell projection, dendrite . Cell projection, axon . Localized at the plasma membrane and also found at the Golgi. .
Tissue Specificity	Oesophageal carcinoma,Retina,
Function	domain:Lys-Thr-X-X-X-Trp motif is involved in the activation of the Wnt/beta-catenin signaling pathway.,domain:The FZ domain is involved in binding with Wnt ligands.,domain:The PDZ-binding motif mediates interaction with GPC.,function:Receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta-catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the

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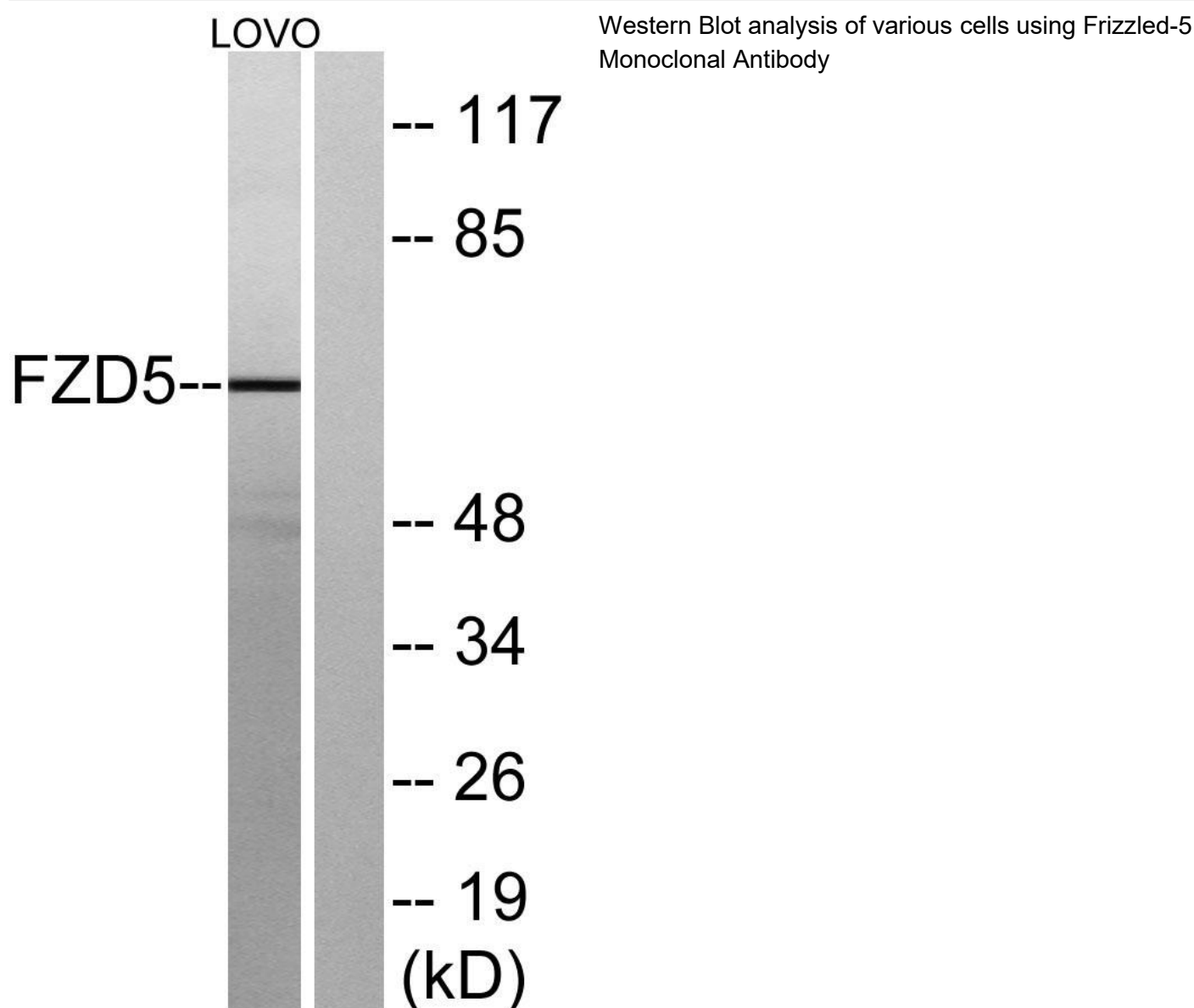
canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellul

Background frizzled class receptor 5(FZD5) Homo sapiens Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD5 protein is believed to be the receptor for the Wnt5A ligand. [provided by RefSeq, Jul 2008],

matters needing attention Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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