抗人FZD1参考抗体

Anti-Human FZD1 Reference Antibody

货号：RB9T37015229

在您使用本产品前请认真阅读说明书，这对您顺利完成实验很有帮助。

产品编码
RB9T37015229

中文名称
抗人FZD1参考抗体

英文名称
Anti-Human FZD1 Reference Antibody

形态
Liquid

纯度
>95% purity as determined by SDS-PAGE.

内毒素水平
Please contact the lab for this information.

应用
ELISA, Bioactivity: FACS, Functional assay, Research in vivo

表达系统
Mammalian Cells

登录号
Q9UP38

宿主种属
Human

克隆性
Monoclonal

抗体亚型
IgG2-lambda

纯化方式
Protein A/G purified from cell culture supernatant.

浓度
1.63mg/ml

种属反应性
Human

靶标

FzE1, Frizzled-1, hFz1, Fz-1, FZD1

背景信息

Vantictumab (OMP-18R5) is a fully human IgG2 monoclonal antibody. Vantictumab inhibits Wnt pathway signaling by binding to FZD1/2/5/7/8 receptors. Vantictumab can be studied against cancers through direct actions on tumor cells, including CSCs, and effects on the stroma, such as metastatic HER2-negative breast cancer and metastatic pancreatic adenocarcinoma.

• Knockdown of the Wnt receptor Frizzled-1 (FZD1) reduces MDR1/P-glycoprotein expression in multidrug resistant leukemic cells and inhibits leukemic cell proliferation., PMID:29482174

• The low density lipoprotein receptor-1, LRP1, interacts with the human frizzled-1 (HFz1) and down-regulates the canonical Wnt signaling pathway., PMID:14739301

• Interference of Frizzled 1 (FZD1) reverses multidrug resistance in breast cancer cells through the Wnt/β-catenin pathway., PMID:22484497

• Functional and association analysis of frizzled 1 (FZD1) promoter haplotypes with femoral neck geometry., PMID:20051274

• Functional characterization of genetic variation in the Frizzled 1 (FZD1) promoter and association with bone phenotypes: more to the LRP5 story, PMID:18715140

• Transcriptional Regulation of Frizzled-1 in Human Osteoblasts by Sp1., PMID:27695039

• Human frizzled 1 interacts with transforming Wnts to transduce a TCF dependent transcriptional response., PMID:10557084

• Oligodendroglial ring finger protein Rnf43 is an essential injury-specific regulator of oligodendrocyte maturation., PMID:34390652

• miR-135b reverses chemoresistance of non-small cell lung cancer cells by downregulation of FZD1., PMID:27643554

• FZD1 activates protein kinase C delta-mediated drug-resistance in multidrug-resistant MES-SA/Dx5 cancer cells., PMID:24814288

别名

OMP-18R5, 1345009-45-1

储存缓冲液

0.01M PBS, pH 7.4.

稳定性和储存

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4° C for short-term storage (1-2 weeks). Store at -20° C for up to 12 months. For long-term storage, store at -80° C.

For research use only. Not suitable for clinical or therapeutic use.