抗人Glypican 3参考抗体

Anti-Human Glypican 3 Reference Antibody

货号：RB9T37015237

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
RB9T37015237

中文名称
抗人Glypican 3参考抗体

英文名称
Anti-Human Glypican 3 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
P51654

宿主种属
Humanized

克隆性
Monoclonal

抗体亚型
IgG1-kappa

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

浓度
2.2mg/ml

种属反应性
Human

靶标

GPC3, MXR7, GTR2-2, Glypican-3, Intestinal protein OCI-5, OCI5

背景信息

Codrituzumab is a humanized monoclonal antibody targeted at glypican-3 (GPC3), which is a member of the glypican family. This drug is developed by Chugai Pharmaceutical in combination with Roche and has been investigated in the treatment of liver cancer. The specific expression of GPC3 is high in hepatocellular carcinoma (HCC) tissues, which suggests that GPC3 has obvious sensitivity and specificity in the diagnosis of hepatocellular carcinoma, and can be used as a new target for the treatment of hepatocellular carcinoma. Codrituzumab did not show significant inhibition of GPC3 in the phase I trial in combined with sorafenib and the phase II trial placebo-controlled study in patients with advanced liver cancer. Codrituzumab did not show significant inhibition of GPC3 in phase I trials and phase II trials combined with sorafenib in patients with advanced liver cancer. However, the effect of codrituzumab in the treatment of liver cancer is still under study. In 2018, researchers conducted trials such as the distribution of codrituzumab and the impact of overall survival in patients with hepatocellular carcinoma. In the combined analysis of tumor cell surface antigen GPC3 and NK cell surface antigen CD16 in patients with liver cancer, it was found that codrituzumab only had a certain therapeutic effect on patients with high expression level of GPC3 and CD16. These results suggest that GPC3 and CD16 can be used as a composite biomarker to select hepatocellular carcinoma patients for codrituzuma.

• Cloning and characterization of human cDNAs encoding a protein with high homology to rat intestinal development protein OCI-5., PMID:9133586

别名

GC33, RG7686, RO5137382, 1365267-33-9

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.