抗神经节苷脂GD2参考抗体

Anti-Ganglioside GD2 Reference Antibody

货号：RB9T37015385

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
RB9T37015385

中文名称
抗神经节苷脂GD2参考抗体

英文名称
Anti-Ganglioside GD2 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
65988-71-8

宿主种属
Chimeric

克隆性
Monoclonal

抗体亚型
IgG1-kappa

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

浓度
1.3mg/ml

种属反应性
General

靶标

Ganglioside GD2

背景信息

Lorukafusp alfa (14.18 mAb; hu14.18-IL2) is an immunocytokine consisting of the humanized 14.18 anti-GD2 mAb linked to IL210. Lorukafusp alfa has activity mediated by activation of antibody-dependent cellular cytotoxicity (ADCC) and complement-dependent cytotoxicity via the binding of hu14.18-IL2 to GD2 on the tumor cell surface, followed by binding to Fc receptors on effector cells along with activation of NK and T cells via IL2 receptor binding. Lorukafusp alfa has anti-tumor activity.

• Ganglioside GD2: a novel therapeutic target in triple-negative breast cancer., PMID:34596246

• GD2 is a Crucial Ganglioside in the Signal Modulation and Application as a Target of Cancer Therapeutics., PMID:39921214

• Preclinical Development of CAR T Cells with Antigen-Inducible IL18 Enforcement to Treat GD2-Positive Solid Cancers., PMID:38593230

• Ganglioside GD2 Contributes to a Stem-Like Phenotype in Intrahepatic Cholangiocarcinoma., PMID:39726234

• Preclinical assessment of the efficacy and specificity of GD2-B7H3 SynNotch CAR-T in metastatic neuroblastoma., PMID:33479234

• Ganglioside GD2 Enhances the Malignant Phenotypes of Melanoma Cells by Cooperating with Integrins., PMID:35008849

• RNA Sequencing-Based Identification of Ganglioside GD2-Positive Cancer Phenotype., PMID:32486168

• Potent antitumor efficacy of anti-GD2 CAR T cells in H3-K27M^{+} diffuse midline gliomas., PMID:29662203

• Anti-GD2 antibody with GM-CSF, interleukin-2, and isotretinoin for neuroblastoma., PMID:20879881

别名

14.18, MAb-14.18, MOABCh14.18, CAS: 1363687-32-4, DGK07804

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.