抗神经节苷脂GD2参考抗体

Anti-Ganglioside GD2 Reference Antibody

货号：RB9T37016242

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 RB9T37016242	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 CAS: 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 1mg/ml	种属反应性 General

靶标	背景信息
Ganglioside GD2	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-IL-2, EMD273063, EMD 273063, EMD-273063, Hu14.18-IL-2, Hu14.18-IL2, anti-GD2 fused to IL2, hu14.18-IL2, hu14.18-Interleukin-2 fusion protein, CAS: 2131168-99-3

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.