抗人BCMA/TNFRSF17参考抗体）

Anti-Human BCMA/TNFRSF17 Reference Antibody

货号：RB9T37015431

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
RB9T37015431

中文名称
抗人BCMA/TNFRSF17参考抗体）

英文名称
Anti-Human BCMA/TNFRSF17 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
Q02223

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
1.31mg/ml

种属反应性
Human

靶标

Tumor necrosis factor receptor superfamily member 17, TNFRSF17, CD269, B-cell maturation protein, BCMA, BCM

背景信息

Belantamab mafodotin also known as GSK2857916 is a humanized, IgG1 antibody-drug conjugate (ADC) that binds specifically to BCMA. The parent anti-BCMA antibody (GSK2857914) is produced in an afucosylated form and is conjugated to the microtubule polymerization inhibitor MMAF, via a protease-resistant maleimidocaproyl (mc) linker, to produce the GSK2857916 ADC molecule. Upon binding to the cell surface, GSK2857916 is rapidly internalized and active cytotoxic drug (cys-mcMMAF) is released inside the cell causing cell-cycle arrest and apoptosis. Furthermore, the afucosylation of GSK2857916 leads to enhanced binding to FcγRIIIa receptors on the surface of immune effector cells, recruitment of immune cells, and antibody-dependent cellular cytotoxicity and phagocytosis (ADCC and ADCP, respectively). This dual mechanism of action enables improved efficacy by targeting both dividing (via ADC) and non-dividing (via ADCC/ADCP) tumor cells. Recently, belantamab mafodotin was approved under the name BLENREP in the United States and European Union for the treatment of patients with relapsed or refractory multiple myeloma.

别名

BCMA, 2857916, GSK2857916, J6M0, J6M0-mcMMAF, 2061894-48-0

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.