抗人Nectin-4参考抗体

Anti-Human Nectin-4 Reference Antibody

货号：RB9T37015425

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
RB9T37015425

中文名称
抗人Nectin-4参考抗体

英文名称
Anti-Human Nectin-4 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
Q96NY8

宿主种属
Human

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
Human

靶标

LNIR, NECTIN4, PRR4 receptor-related protein 4, Nectin cell adhesion molecule 4, Ig superfamily receptor LNIR, Nectin-4, PVRL4

背景信息

Enfortumab vedotin is an antibody-drug conjugate (ADC) designed for the treatment of cancer expressing Nectin-4. It was developed through two main lines, hybridoma (ASG-22ME) and Chinese hamster ovary (ASG-22CE). Enfortumab refers to the fully humanized (from mouse) monoclonal antibody (mAb) created by scientists at Agensys (part of Astellas) using Amgen’s transgenic system (XenoMouse), it is the first agent to target Nectin-4 that expressed on many solid tumors especially on bladder cancers. Vedotin refers to the payload drug microtubule-disrupting agent monomethyl auristatin E (MMAE) and the linker. The linker technology holding the antibody and the toxin together was provided by and licensed from Seattle Genetics. Preclinical studies showed that enfortumab vedotin effectively binds to target cells, internalizes and induces cell-killing activity. Mouse and patient xenograft models were used to test enfortumab vedotin’s antitumor activity in human breast, bladder, pancreatic and lung cancers. In March 2018, Seattle Genetics and Astellas received the U.S. Food and Drug Administration (FDA) Breakthrough Therapy Designation for enfortumab vedotin based on interim results from the phase 1 study examining enfortumab vedotin as monotherapy treatment for patients with metastatic urothelial cancer who were previously treated with checkpoint inhibitors.

别名

AGS-22CE, AGS-22M, AGS-22M6E, unconjugated:AGS-22C3orAGSM6, 1448664-46-7

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.