抗人FGFR2参考抗体

Anti-Human FGFR2 Reference Antibody

货号：RB9T37015069

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
RB9T37015069

中文名称
抗人FGFR2参考抗体

英文名称
Anti-Human FGFR2 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
P21802

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
1mg/ml

种属反应性
Human

靶标

K-sam, KSAM, CD332, Keratinocyte growth factor receptor, Fibroblast growth factor receptor 2, FGFR-2, FGFR2, KGFR, BEK

背景信息

Bemarituzumab is a first-in-class, humanized IgG1 monoclonal antibody against FGFR2b (a FGF receptor). Bemarituzumab blocks fibroblast growth factors from binding and activating FGFR2b. Bemarituzumab has the potential for cancer research.

别名

FPA144, FPA-144, FPA114-A, 1952272-74-0

产品描述

Bemarituzumab (bema), a first-in-class humanized IgG1 monoclonal antibody, selectively binds to the 2b isoform of the fibroblast growth factor receptor (FGFR2b). Bemarituzumab (FPA144) is a first-in-class humanized immunoglobulin G1 monoclonal antibody specific to the splice-variant FGFR2b that inhibits binding of the ligands FGF7, FGF10, and FGF22. Specifically, bemarituzumab does not inhibit binding of FGF23, the ligand responsible for phosphate and vitamin D metabolism, thereby potentially avoiding the risk of hyperphosphatemia associated with pan-FGFR tyrosine kinase inhibitors. Bemarituzumab is also glycoengineered for increased affinity for the human Fc gamma RIII receptor expressed on natural killer cells, enabling enhanced antibody-dependent cell-mediated cytotoxicity.

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.