抗人激活素RIIA/B参考抗体

Anti-Human Activin RIIA/B Reference Antibody

货号：RB9T37015235

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
RB9T37015235

中文名称
抗人激活素RIIA/B参考抗体

英文名称
Anti-Human Activin RIIA/B 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
P27037 & Q13705

宿主种属
Human

克隆性
Monoclonal

抗体亚型
IgG1-lambda

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

浓度
1.99mg/ml

种属反应性
Human

靶标

ACVR2, ACTRIIA, ACTR-IIA, Activin receptor type IIA, ACVR2A, Activin receptor type-2A, ACTR-IIB, Activin receptor type IIB, Activin receptor type-2B, ACVR2B

背景信息

Bimagrumab is a monoclonal anti-ActRIIA/IIB antibody that targets ActRIIA and ActRIIB simultaneously. Native ActRIIA and ActRIIB are both mediators of signaling from several TGFβ superfamily members such as activins, myostatin, and GDF11. Hence, pan-blockade by Bimagrumab achieves greater effect than a monoclonal antibody against either receptor alone, i.e. monotherapy with anti-ActRIIA antibody or anti-ActRIIB antibody. Bimagrumab has been explored as a therapy for sporadic inclusion body myositis, primary sarcopenia, and muscle wasting associated with chronic obstructive pulmonary disease.

• Activin A inhibits BMP-signaling by binding ACVR2A and ACVR2B., PMID:26047946

• BMPR2 inhibits activin and BMP signaling via wild-type ALK2., PMID:29739878

• ALK2/ALK3-BMPR2/ACVR2A Mediate BMP2-Induced Downregulation of Pentraxin 3 Expression in Human Granulosa-Lutein Cells., PMID:28977600

• Follicular localization of growth differentiation factor 8 and its receptors in normal and polycystic ovary syndrome ovaries., PMID:29409020

别名

BYM338, 1356922-05-8

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.