抗人4-1BB配体/TNFSF9参考抗体)

Anti-Human 4-1BB Ligand/TNFSF9 Reference Antibody

货号：RB9T37014967

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
RB9T37014967

中文名称
抗人4-1BB配体/TNFSF9参考抗体)

英文名称
Anti-Human 4-1BB Ligand/TNFSF9 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
Q07011

宿主种属
Human

克隆性
Monoclonal

抗体亚型
IgG2-lambda

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

浓度
0.91mg/ml

种属反应性
Human

靶标

Tumor necrosis factor receptor superfamily member 9, CD137, 4-1BB ligand receptor, CDw137, TNFRSF9, T-cell antigen ILA, T-cell antigen 4-1BB homolog, ILA

背景信息

Urelumab is a fully humanized agonistic monoclonal antibody targeting the CD137 receptor with potential immunostimulatory and antineoplastic activities. Urelumab specifically binds to and activates CD137-expressing immune cells, stimulating an immune response, in particular a cytotoxic T cell response, against tumor cells. Urelumab has been used in trials studying the treatment of Leukemia, Multiple Myeloma, Malignant Tumors, and Cancer-Solid Tumors and B-Cell Non-Hodgkin's Lymphoma. The antibody product was developed using Medarex's UltiMAb(R) technology and was the first UltiMAb-derived antibody in clinical development by Bristol-Myers Squibb under the December 2003 agreement with Medarex. In December 2008, enrolment was stopped for all urelumab studies following the occurrence of two hepatotoxicity-related deaths. Several years later, the clinical study on Urelumab was restarted. At present, the approval of the monoclonal antibody has not been disclosed in the relevant drug approval agency.

• Analysis of 4-1BBL and laminin binding to murine 4-1BB, a member of the tumor necrosis factor receptor superfamily, and comparison with human 4-1BB., PMID:9045669

• ILA, the human 4-1BB homologue, is inducible in lymphoid and other cell lineages., PMID:7849293

• CD137 (ILA/4-1BB), expressed by primary human monocytes, induces monocyte activation and apoptosis of B lymphocytes., PMID:10607752

• CD137 (ILA/4-1BB), a member of the TNF receptor family, induces monocyte activation via bidirectional signaling., PMID:9498794

• A soluble form of CD137 (ILA/4-1BB), a member of the TNF receptor family, is released by activated lymphocytes and is detectable in sera of patients with rheumatoid arthritis., PMID:9485208

• CD137-induced apoptosis is independent of CD95., PMID:10469232

• CD137 activation abrogates granulocyte-macrophage colony-stimulating factor-mediated anti-apoptosis in neutrophils., PMID:11093162

• Expression of CD137 and its ligand in human neurons, astrocytes, and microglia: modulation by FGF-2., PMID:13130507

• Comparative analysis of CD137 and LPS effects on monocyte activation, survival, and proliferation., PMID:10873573

• CD137 expression in tumor vessel walls. High correlation with malignant tumors., PMID:11293902

别名

PF-05082566, PF-2566, 1417318-27-4

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.