抗人CD15/Lewis X参考抗体)

Anti-Human CD15/Lewis X Reference Antibody

货号：RB9T37015697

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
RB9T37015697

中文名称
抗人CD15/Lewis X参考抗体)

英文名称
Anti-Human CD15/Lewis X 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
P22083

宿主种属
Mouse

克隆性
Monoclonal

抗体亚型
IgG2a, 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

Alpha-(1, 3)-fucosyltransferase 4, ELAM-1 ligand fucosyltransferase, Fucosyltransferase 4, Fucosyltransferase IV, Galactoside 3-L-fucosyltransferase, Fuc-TIV, FCT3A, FUT4, ELFT, FucT-IV

背景信息

Technetium (99mTc) fanolesomab (trade name NeutroSpec, manufactured by Palatin Technologies) is a mouse monoclonal antibody formerly used to aid in the diagnosis of appendicitis. It is labeled with a radioisotope, technetium-99m (99mTc). History and use NeutroSpec was approved by the U.S. Food and Drug Administration (FDA) in June 2004 for imaging of patients with symptoms of appendicitis. It consisted of an intact murine (mouse) IgM monoclonal antibody against human CD15, labeled with technetium-99m so as to be visible on a gamma camera image. Since anti-CD15 antibodies bind selectively to white blood cells such as neutrophils, it could be used to localize the site of an infection. Deaths and associated recall The FDA received reports from Palatin of 2 deaths and 15 life-threatening adverse events in patients who had received NeutroSpec. These events occurred within minutes of administration of NeutroSpec and included shortness of breath, low blood pressure, and cardiopulmonary arrest. Affected patients required resuscitation with intravenous fluids, blood pressure support, and oxygen. Most, but not all, of the patients who experienced these events had existing cardiac and/or pulmonary conditions that may have placed them at higher risk for these adverse events. A review of all post-marketing reports showed an additional 46 patients who experienced adverse events that were similar but less severe. All of the reactions occurred immediately after NeutroSpec was administered. Marketing of the product was suspended in December 2005. References Further reading External links Technetium (99mTc) Fanolesomab from Micromedex

• ELFT: a gene that directs the expression of an ELAM-1 ligand., PMID:1702034

别名

Fanolesomab

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.