抗地高辛重组抗体

Anti-Digoxin Recombinant Antibody

货号：RB9T37014319

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
RB9T37014319

中文名称
抗地高辛重组抗体

英文名称
Anti-Digoxin Recombinant Antibody

形态
Liquid

纯度
>95% as determined by SDS-PAGE.

内毒素水平
Please contact with the lab for this information.

应用
CLIA, DB, ELISA, IP, RIA, WB

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.

靶标
Digoxin, DGX, 20830-75-5, digoxinum, 12β-hydroxydigitoxin, ChEBI: 4551, 26-10#, 26G10

产品使用说明
ELISA: 1:2000-1:20000; WB: 1:500-1:2000

产品描述

The antibody is specific for digoxin, a cardiac glycoside derived from the foxglove plant. Digoxin is administered for the therapeutic treatment of heart conditions such as atrial fibrillation, atrial flutter and heart failure, an acts by inhibiting the Na+/K+ ATPase. However, the drug has a very narrow therapeutic index and can cause toxic side effects. The Fab fragment prepared from 26-10 that neutralises the activity of digoxin and can be used as an antidote in case of overdose of digitalis. Anti-digoxin monoclonal antibodies can also be used to measure serum levels of the drug as a guide to therapy, and are useful in the investigation of the kinetics of interaction between antibody and antigen.

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 short term (1-2 weeks). Store at -20° C 12 months. Store at -80° C long term.

For research use only.