

#D30004

Digoxin[3D14] mAb (HRP Conjugated)

- 50 µl
- 100 µl
- 200 µl



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DESCRIPTION

Digoxin is a cardiac glycoside that decreases the conduction of electrical impulses through the AV node in the heart. It also increases the force of heart contractions by binding to and inhibiting the Na⁺/K⁺ ATPase pump, which causes an increase in the level of sodium ions in the myocytes, thereby leading to a rise in the level of calcium ions. Digoxin is expressed in the foxglove plant digitalis and is then extracted for clinical use to improve the pumping ability of the heart in congestive heart failure (CHF) and to treat patients with high blood pressure. It is also used to help normalize some dysrhythmias (abnormal types of heartbeat) and to stabilize atrial fibrillation and atrial flutter with rapid ventricular response.

SOURCE

This Abmart monoclonal antibody is produced by immunizing mice with a Digoxin conjugated to KLH.

STORAGE

Stored at -20°C or below until use. Avoid repeated freezing and thawing cycles.

REACTIVITY

Chemical

HOST / ISOTYPE

Mouse IgG2b

FORMAT

Purified : IgG / Liquid

Purification : Affinity chromatography on Protein G

Buffer system : 10 mM Hepes , 75 mM NaCl , pH 7.5, containing 0.05%
Procline 300

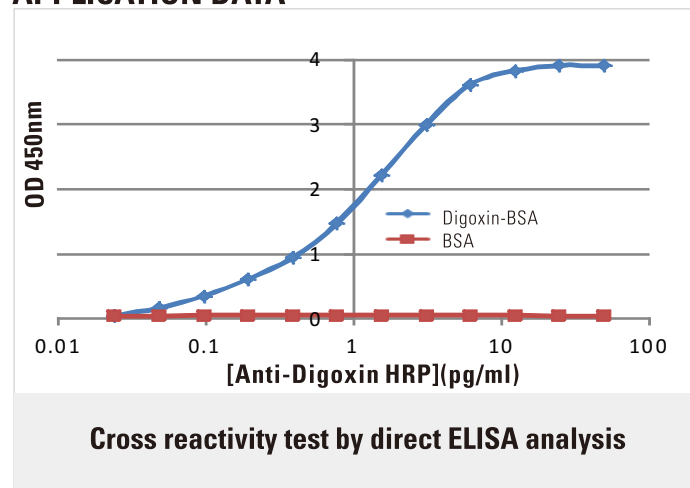
RECOMMEND ANTIBODY DILUTIONS

ELISA 1: 50000--1:1000000

COMPANION PRODUCTS

- #D30000 Digoxin[1B9] Mouse mAb
- #D30001 Digoxin[2N7] Mouse mAb
- #D30002 Digoxin[3D14] mAb
- #D30003 Digoxin[2N7] mAb (HRP Conjugated)
- #D30005 Digoxin[1B9] mAb (HRP Conjugated)

APPLICATION DATA



Coating: BSA (red) and Digoxin-BSA (blue) at 1 µg/ml by Carbonate-Bicarbonate

Incubation: Anti-Digoxin antibody HRP at 50--0.025 ng/ml dilution
Blocking/Dilution buffer: 5% milk/PBST

Reactivity Key: H—human, M—mouse, R—rat, ChHm—Chinese hamster, Mk—monkey, C—chicken, Dm—D.melanogaster, X—xenopus, Z—zebrafish, B—bovine, Dg—dog, Pg—pig, Sc—S.cerevisiae, Ce—C.elegans, Hr—horse