

# HRP-conjugated Digoxin Rabbit mAb

Catalog No.: A24114 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

### Category

Primary antibody

### Applications

DB, ELISA

### Cross-Reactivity

Species independent

### CloneNo number

ARC50289

### Conjugate

HRP

## Background

Digoxin is a cardiac glycoside. Digoxin inhibits the sodium potassium adenosine triphosphatase (ATPase) pump, thereby increasing intracellular calcium and enhancing cardiac contractility. This agent also acts directly on the atrioventricular node to suppress conduction, thereby slowing conduction velocity. Apparently due to its effects on intracellular calcium concentrations, digoxin induces apoptosis of tumor cells via a pathway involving mitochondrial cytochrome c, caspases 8 and 3.

## Recommended Dilutions

**DB** 1:500 - 1:3000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

### Swiss Prot

### Immunogen

Chemical compounds corresponding to Digoxin.

### Synonyms

Digoxin; HRP-conjugated Digoxin

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

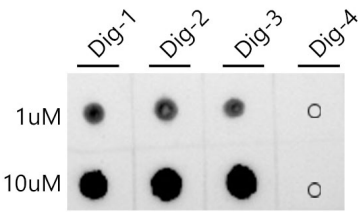
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



The HRP-conjugated Digoxin Rabbit mAb (A24114) are tested in Dot Blot against digoxin labelled oligonucleotide(Dig-1-Dig-2 and Dig-3) and unlabelled oligonucleotide(Dig-4) .

Dig-1  
5'AGCTAAC/T(Digoxin)/ACTAGCT(Bition)3'  
Dig-2  
5'(Digoxin)AGCTAACTACTAGCT(Bition)3'  
Dig-3  
5'(Bition)AGCTAACTACTAGCT(Digoxin)3'  
Dig-45'AGCTAACTACTAGCT(Bition)3'