

# Digoxin Rabbit mAb

Catalog No.: A20267 **Recombinant** **1 Publications**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

### Category

Primary antibody

### Applications

ELISA,DB

### Cross-Reactivity

Species independent

### CloneNo number

ARC50289

## 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

## Immunogen Information

Gene ID

Swiss Prot

### Immunogen

Digoxin

### Synonyms

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

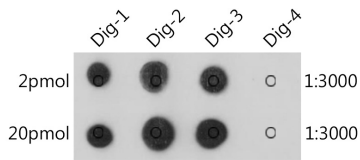
Affinity purification

### Storage

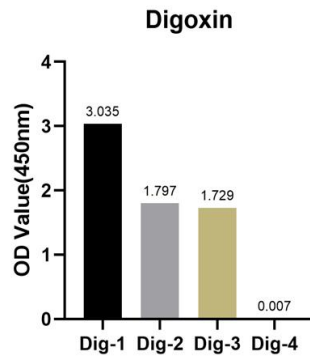
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



The Digoxin Rabbit mAb (A20267) 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/iDigdT/ACTAGCT(Biotin)3' Dig-2 :5'(Digoxin)AGCTAACTACTAGCT(Biotin)3' Dig-3 :5'(Biotin)AGCTAACTACTAGCT(Digoxin)3' Dig-4 :5'AGCTAACTACTAGCT(Biotin)3'



The Digoxin Rabbit mAb (A20267) are tested in ELISA against digoxin labelled oligonucleotide(Dig-1, Dig-2 and Dig-3) and unlabelled oligonucleotide(Dig-4) Dig-1 :5'AGCTAAC/iDigdT/ACTAGCT(Biotin)3' Dig-2 :5'(Digoxin)AGCTAACTACTAGCT(Biotin)3' Dig-3 :5'(Biotin)AGCTAACTACTAGCT(Digoxin)3' Dig-4 :5'AGCTAACTACTAGCT(Biotin)3'