

Anti-Digoxigenin/Digoxin Rabbit mAb

Catalog No.: A20267 **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

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

Digoxin

Synonyms

Contact

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Product Information

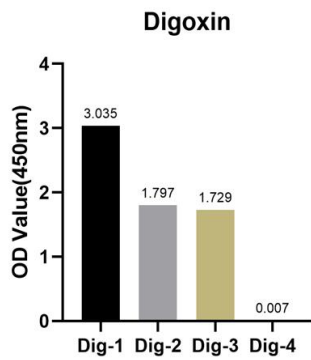
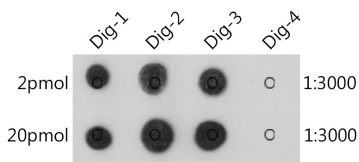
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

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 Anti-Digoxigenin/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 Anti-Digoxigenin/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'