

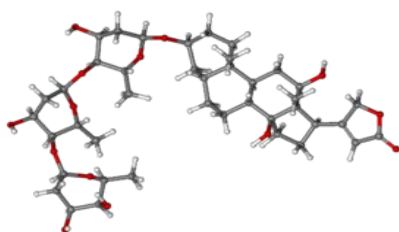
## Digoxin Monoclonal Antibodies

### ORDERING INFORMATION

Catalog No.	Clone No.	MAB Subtype	Size	Library Pack No.	100ug/clone
19101	DG-D8-9	IgG1	100ug, 500ug, 1mg	191101	All 3 clones
19102	DG-D8-20	IgG1	100ug, 500ug, 1mg		
19103	DG-D46	IgG1	100ug, 500ug, 1mg		

**Format:** Protein G-purified antibody in PBS, pH 7.4.

### BACKGROUND



Digoxin is a purified cardiac glycoside similar to digitoxin extracted from the foxglove plant, *Digitalis lanata*. Digoxin is occasionally used in the treatment of various heart conditions such as atrial fibrillation, atrial flutter and sometimes heart failure that cannot be controlled by other medication. By slowing down the conduction in the AV node and increasing its refractory period, digoxin can reduce the ventricular rate. The arrhythmia itself is not affected, but the pumping function of the heart improves, owing to improved filling.

### SPECIFICATION SUMMARY

**Antigen:** Digoxin conjugated to KLH.

**Host Species:** Mouse

**Specificity:** These antibodies recognize digoxin.

### APPLICATIONS

These antibodies have been qualified for use in ELISA to detect digoxin.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium that is identical to that used in the assay system.

### STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20°C to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

*For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.*