

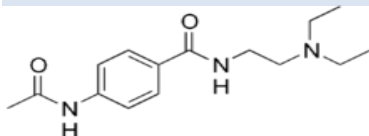
N-Acetylprocainamide Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
16901	NAPA10-501.3	IgG1	100ug, 500ug	169101	All 9 clones
16902	NAPA11-115.2.2	IgG1	100ug, 500ug		
16903	NAPA11-225.2.2	IgG1	100ug, 500ug		
16904	NAPA12-334.7	IgG1	100ug, 500ug		
16905	NAPA12-402.2.5	IgG1	100ug, 500ug		
16906	NAPA10-603.3	IgG1	100ug, 500ug		
16907	NAPA11-233.1.3	IgG1	100ug, 500ug		
16908	NAPA11-128.2.1	IgG1	100ug, 500ug		
16909	NAPA12-322.4.1	IgG1	100ug, 500ug		

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

BACKGROUND



N-Acetylprocainamide (NAPA) is the *N*-acetylated metabolite of procainamide. It is a Class III antiarrhythmic agent and only partially as active as procainamide. NAPA is a potassium-channel blocker and binds to potassium channels. The electrophysiologic properties of NAPA are slightly different from those of procainamide, but its antiarrhythmic mechanisms are similar to those of procainamide.

SPECIFICATION SUMMARY

Antigen: N-Acetylprocainamide conjugated to KLH.

Host Species: Mouse

Specificity: These antibodies recognize N-Acetylprocainamide and cross-react to different degrees with procainamide:

	<u>% Cross-Reactivity with Procainamide</u>
16901	6.1
16902	0
16903	0
16904	25.4
16905	3.4
16906	2.3
16907	23.0
16908	2.4
16909	3.3

APPLICATIONS

These antibodies have been qualified for use in ELISA to detect N-Acetylprocainamide.

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.