

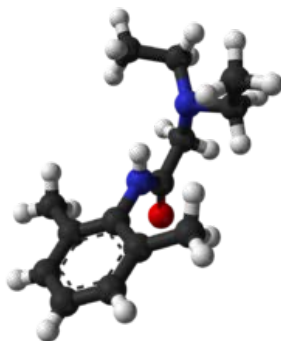
Lidocaine Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.	Clone No.	MAb Subtype	Size	Library Pack No.	100ug/clone
16601	LC10-136.4	IgG1	100ug, 500ug	166101	All 5 clones
16602	LC11-222.4	IgG1	100ug, 500ug		
16603	LC11-251.3.6	IgG1	100ug, 500ug		
16604	LC11-378.5	IgG1	100ug, 500ug		
16605	LC12-402.3	IgG1	100ug, 500ug		

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

BACKGROUND



Lidocaine, also known as xylocaine and lignocaine, is a medication used to numb tissue in a specific area. The efficacy of lidocaine as a local anesthetic is characterized by a rapid onset of action and intermediate duration of efficacy. Lidocaine is also the most important class-1b antiarrhythmic drug; it is used intravenously for the treatment of ventricular arrhythmias. Lidocaine was discovered in 1946 and is on the WHO Model List of Essential Medicines.

SPECIFICATION SUMMARY

Antigen: Lidocaine conjugated to KLH.

Host Species: Mouse

Specificity: These antibodies recognize lidocaine.

APPLICATIONS

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

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.