

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Imipramine Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 16051-16053.

**Size:** 1 ml ascites or 1 mg purified antibody in PBS, pH 7.4

### SPECIFICATION SUMMARY

**Antigen:** Imipramine conjugated to KLH.

**Host Species:** Mouse

**Antibody Class:** 16051 = IgM; 16052 and 16053 = IgG2b.

**Stabilizers:** None

**Preservatives:** None. Available on request.

### ACTIVITY

	Ig mg/ml*	ELISA Titer**
16051	15.3	1 : 25,600
16052	10.2	1: 25,600
16053	18.2	1: 104,200

\* Determined by radial immunodiffusion for several lots of ascites.

\*\*ELISA is an indirect assay against imipramine conjugated to BSA on the solid phase. Titers represent endpoint dilutions that achieve absorbance values > 0.1.

### SPECIFICITY

These antibodies specifically recognize imipramine.

### APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate imipramine. Not all applications have been investigated.

### DILUTION INSTRUCTIONS

Dilute in PBS or medium which 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.*