

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## Valproic Acid Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 16801-16805.

**Size:** 1 ml ascites or 1 mg Protein G-purified antibody in PBS, pH 7.4.

### SPECIFICATION SUMMARY

**Antigen:** Valproic acid conjugated to KLH.

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

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

### ACTIVITY

	<b>Ig mg/ml*</b>	<b>ELISA Titer**</b>
16801	22.1	1 : 51,200
16802	15.8	1: 51,200
16803	31.1	1: 102,400
16804	3.5	1: 12,800
16805	30.0	1: 64,000

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

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

### SPECIFICITY

These antibodies specifically recognize valproic acid.

### APPLICATIONS

These antibodies may be used in immunoassays to detect and quantitate valproic acid. 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.*