

# QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

## FGF Receptor 1 $\alpha$ Monoclonal Antibodies

### ORDERING INFORMATION

**Catalog No.:** 30105 (M1C4)

**Size:** 250 ug Protein G-purified antibody in PBS, pH 7.4

### SPECIFICATION SUMMARY

**Antigen:** Recombinant human ectodomain of FGF1 $\alpha$  expressed in *E. coli* beginning with pro23; antigen contained NH<sub>2</sub>-terminal gly-ser-pro-gly-ile and COOH-terminal glu-phe sequences.

**Host Species:** Mouse

**Antibody Class:** IgG1

**Stabilizers:** None

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

### SPECIFICITY

30105 reacts with the COOH-terminus of unique NH<sub>2</sub>-terminal Ig loop of FGF1 $\alpha$ . Epitope is within the sequence between glu75 and ser119 of FGF1 $\alpha$ . Epitope is masked in undenatured FGF1 $\alpha$ .

### APPLICATIONS

*Western blotting:* at 1 ug/ml recognizes 10 ng recombinant bacterial, baculo-viral, or native FGF1 $\alpha$ .

*Immunoprecipitation:* Ig loop I fragment of denatured, intact FGF1 $\alpha$ .

*Immunohistochemistry:* untested; predicted to be poor due to masked epitope.

### 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.

### REFERENCES

Xu et al. (1992) J Biol Chem 267: 17792.

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