

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

FGF Receptor 1 α Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 30104 (M2F12)

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

SPECIFICATION SUMMARY

Antigen: Recombinant human ectodomain of FGFR1 α expressed in *E. coli* beginning with pro23; antigen contained NH₂-terminal gly-ser-pro-gly-ile and COOH-terminal glu-phe sequences.

Host Species: Mouse

Antibody Class: IgG2a

Stabilizers: None

Preservatives: None. Available on request.

SPECIFICITY

30104 reacts with the NH₂-terminus of unique NH₂-terminal Ig loop of FGFR1. Epitope is within the sequence between glu30 and ala74 of FGFR1 α . Reacts with human, rat, and mouse receptor. Other species untested.

APPLICATIONS

Western blotting: at 1 ug/ml recognizes 10 ng recombinant bacterial, baculo-viral, or native FGFR1.

APPLICATIONS (CONT.)

Immunoprecipitation: native, nuclear, recombinant, and ligand-labeled FGFR1.

Immunohistochemistry: frozen sections of human glioblastomas, para-formaldehyde-fixed cells and nuclei, human myocardial biopsies.

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; Proudovsky et al. (1994) J Biol Chem 269: 31720; Morrison et al. (1994) Cancer Res 54: 2794; Zhao et al. (1994) J Clin Invest 94: 992; Feng et al. (1996) Biochim Biophys Acta 1310: 67.

For research only. Not for use in therapeutic or diagnostic procedures