

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

FGF Receptor 1 Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 30101 (M19B2)

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

SPECIFICATION SUMMARY

Antigen: Recombinant human ectodomain of FGFR1 β expressed in *E. coli* beginning with proline 23; antigen contained NH₂-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

30101 reacts with both α and β isoforms. Epitope is within the NH₂-terminus of Ig loop II sequence lys145 and glu159 between the acidic box and heparin-binding sequence of FGFR1.

APPLICATIONS

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

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

Immunohistochemistry: paraformaldehyde fixed cells.

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;
Kan et al. (1993) Science 259: 1918; Feng et al. (1996) Biochim Biophys Acta 1310: 67.

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