

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

FGF Receptor 1 Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 30102 (M5G10)

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

SPECIFICATION SUMMARY

Antigen: Recombinant human ectodomain of FGF1 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

30102 reacts with both α (denatured) and β isoforms. Epitope is within the sequence his241 and val267 between Ig loops II and III. Epitope is masked in undenatured FGF1 α .

APPLICATIONS

Western blotting: at 1 ug/ml recognizes 10 ng recombinant bacterial, baculoviral, or native FGF1.

Immunoprecipitation: native, recombinant, and ligand-labeled FGF1.

Immunohistochemistry: paraffin-embedded human salivary gland tumors.

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; Wang et al. (1995) J Biol Chem 270: 10231; Myoken et al. (1996) *in press*.

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