

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*