

AbboMax, Inc

Innovation at Work

Rabbit anti FGFR-3 Antibody

ANTIGEN PREPARATION

A 14aa synthetic peptide derived from aa 359-372 of human FGFR-3 protein.

BACKGROUND

The fibroblast growth factors (FGFs) are members of a large family of structurally related polypeptides that are potent physiological regulators of growth and differentiation for a wide variety of cells of mesodermal, ectodermal and endodermal origin. Four genes encoding for high affinity cell surface FGF receptors (FGFRs) have been identified: FGFR-1, FGFR-2, FGFR-3 and FGFR-4. FGFRs are members of the tyrosine kinase family of growth factor receptors. FGFR-3 is widely expressed in many fetal and adult human and animal tissues.

PURIFICATION

The rabbit antibody is purified by peptide-affinity purification.

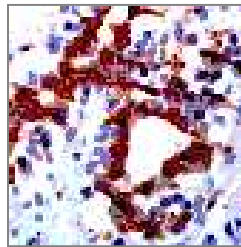
SPECIFICITY

This antibody reacts with human, rat and mouse. Others not tested.

APPLICATIONS/SUGGESTED WORKING DILUTIONS

Western Blot	Not tested
ELISA	Not tested
Immunoprecipitation	2-5 µg/ml
IHC	1:20
Flow cytometry	Not tested

DATA ATTACHMENTS



IHC: Human breast carcinoma stained with anti-FGFR-3 (Cat# 500-10234) at 1:50 dilution for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

Order Information

Description:	Rabbit anti FGFR-3
Catalogue#:	500-10234
Lot#:	See the label
Size:	100 µg/200 µl
Host:	Rabbit
Clone:	N/A
Application:	Immunohistology
Reactivity:	Hu. Rt. Ms

FORMULATION

This affinity purified antibody is supplied in sterile Phosphate-buffered saline (pH7.2) containing antibody stabilizer

STORAGE

The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

MOLECULAR WEIGHT:	120 kDa
POSITIVE CONTROL:	Breast ca and umbilical cord
CELLULAR LOCATION:	Membrane

Optimal dilutions should be determined by researchers for the specific applications.

REFERENCES:

Suzanne Trudel, A K Stewart, et al (2008). The inhibitory anti-FGFR3 antibody, PRO-001 is cytotoxic to t(4:14) multiple myeloma cells. Published on line. From www.bloodjournal.org by on June 18, 2008.

FOR RESEARCH USE ONLY.

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