

Code No. 18601

**Anti-Human
FGFR2/K-sam Rabbit IgG A.P. (Affinity Purify)**

Volume : 100 µg

Introduction : The *K-sam* (KATO-III cells-derived stomach cancer amplified gene) gene was originally cloned from KATO-III cells, human gastric cancer, as an amplified gene. And it is identical to FGFR2 (fibroblast growth factor receptor 2), bek (bacteria-expressed kinase) or KGFR (Keratinocyte growth factor receptor) gene. K-sam generates several variant transcripts by alternative splicing, including those coding for soluble forms of the receptors. Some of these variations are identified and have been studied regarding their functions. It is well known that the gene amplifies in the patients with stomach cancer, especially scirrhous gastric cancer.

Antigen : Synthetic peptide of a part of Human FGFR2/K-sam
(PSFSLVEDTTLEPE)

Purification : Purified with antigen peptide

Form : Lyophilized product from PBS containing 1 % BSA and 0.05 % NaN₃

How to use : 1.0 mL deionized water will be added to the product (the conc. comes up 100 µg /mL)

Stability : Lyophilized product, 5 years at 2 – 8 °C
: Solution, 2 years at –20 °C

Application : This antibody can be used for immunohistochemistry with formalin fixed paraffin embedded tissues after microwave treatment (10 min, in 10mM Citrate buffer, pH 6.0). The optimal concentration is about 2 - 5 µg/mL, however, the concentration should be optimized by each laboratory.
: This antibody can be used for western blotting in concentration of 1 - 5 µg /mL.

Specificity : Reacts with scirrhous carcinoma.

For research use only, not for use in diagnostic procedures.