



Product Information Sheet

Polyclonal Anti-Fibroblast Growth Factor4, *FGF4*

Catalogue No. PA1033

Lot No. 02L01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

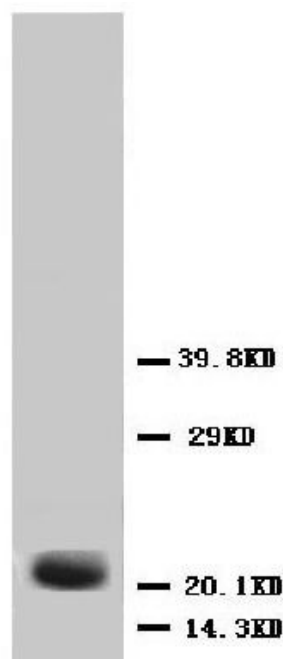
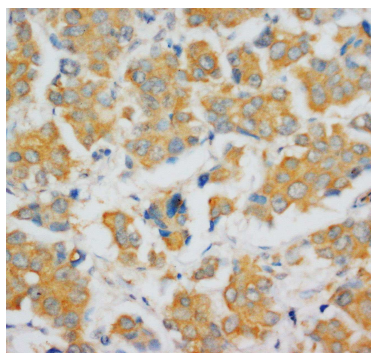
Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Western blot

Immunohistochemistry(P)



Immunogen

A synthetic peptide corresponding to a sequence at the C-terminal of the human FGF4, identical to the related mouse sequence.

Purity

Immunogen affinity purified.

Application

Western blot

At 1-2µg/ml with the appropriate system to detect FGF4 in cells and tissues.

Immunohistochemistry(P)

At 1-2µg/ml to detect FGF4 in formalin fixed and paraffin embedded tissues. Boiling the sections is required.

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

Reconstitution

0.2ml of distilled water will yield a concentration of 500µg/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

BACKGROUND

Fibroblast growth factor 4 (FGF4), also known as Heparin Secretary Transforming (HSTF1). HST1, for which the designation HSTF1 was proposed for human gene nomenclature, is a heparin-binding growth factor with significant homology to human fibroblast growth factors and the mouse Int-2 protein. By in situ hybridization, Adelaide et al. (1988) mapped the HST gene to chromosome 11q13. The HST1 protein is a heparin-binding growth factor with significant homology with human fibroblast growth factors and the mouse Int-2 protein.

REFERENCE

1. Huebner, K.; Ferrari, A. C.; Delli Bovi, P.; Croce, C. M.; Basilico, C. : The FGF-related oncogene, K-FGF, maps to human chromosome region 11q13, possibly near int-2. *Oncogene Res.* 3: 263-270, 1988.
2. Adelaide, J.; Mattei, M.-G.; Marics, I.; Raybaud, F.; Planche, J.; De Lapeyriere, O.; Birnbaum, D. : Chromosomal localization of the hst oncogene and its co-amplification with the int.2 oncogene in a human melanoma. *Oncogene* 2: 413-416, 1988.
3. Yoshida, T.; Tsutsumi, M.; Sakamoto, H.; Miyagawa, K.; Teshima, S.; Sugimura, T.; Terada, M. : Expression of the HST1 oncogene in human germ cell tumors. *Biochem. Biophys. Res. Commun.* 155: 1324-1329, 1988.