



Polyclonal Anti-Fibroblast Growth Factor4, **FGF4** (Sephacrose Bead Conjugate)

Catalogue No. PA1033-S

Lot No. 02L01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human, mouse, rat. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

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

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

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.

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