



Product Information Sheet

Polyclonal Anti-Fibroblast Growth Factor 2, *FGF2*

Catalogue No. PA1032

Lot No. 01011AG3236

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

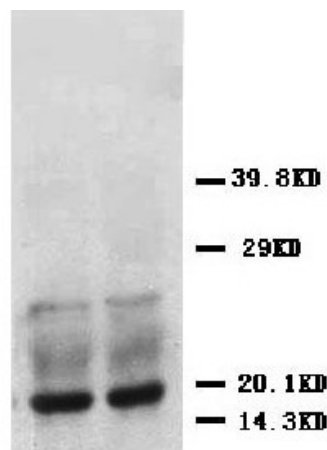
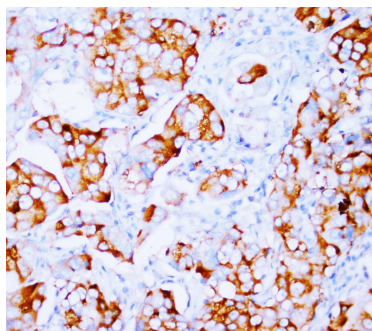
Human, rat.

No cross reactivity with other proteins.

Recommended application

Western blot

Immunohistochemistry(P)



Immunogen

A peptide mapping at the C-terminal of human FGF2 (188-210 aa), identical to the related rat and mouse sequence.

Purity

Immunogen affinity purified.

Application

Western blot

At 1µg/ml with the appropriate system to detect FGF2 in cells and tissues.

Immunohistochemistry(P)

At 1µg/ml to detect FGF2 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.

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.

To reorder contact us at:

Antagene, Inc.

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

BACKGROUND

FGF2 has been implicated in a multitude of physiologic and pathologic processes, including limb development, angiogenesis, wound healing, and tumor growth..FGF2 belongs to the fibroblast growth factor (FGF) family. Fibroblast growth factors (FGFs) exhibit widespread mitogenic and neurotrophic activities. Nine members of the family are currently known, and FGF-1 and FGF-2 are present in relatively high levels in CNS. FGF-2 is expressed by at low levels in many tissues and cell types and reaches high concentrations in brain and pituitary.

REFERENCE

1. Doniach, T. : Basic FGF as an inducer of anteroposterior neural pattern. *Cell* 83: 1067-1070, 1995
2. Eckenstein, F. P. : Fibroblast growth factors in the nervous system. *J. Neurobiol.* 25: 1467-1480, 1994.