

Product Data Sheet

Purified anti-human FGF-basic

Catalog # / Size: 508601 / 50 µg
508602 / 500 µg

Clone: JKFb-1

Isotype: Mouse IgG1, κ

Immunogen: Recombinant human bFGF

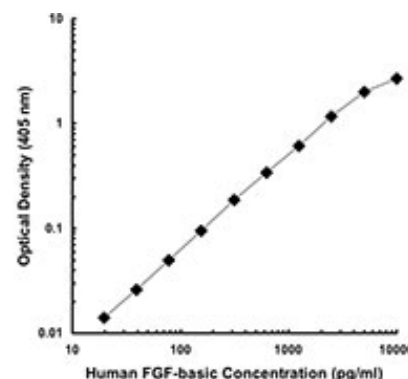
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C.



Applications:

Applications: ELISA Capture-Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For ELISA capture applications, a concentration range of 4-8 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of human FGF-basic protein ranging from 4000 to 30 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: **ELISA or ELISPOT Capture:** The purified JKFb-1 antibody is useful as the capture antibody in a sandwich ELISA or ELISPOT assay, when used in conjunction with the biotinylated JKFb-2 antibody (Cat. No. 508701) as the detecting antibody. The LEAF™ purified antibody is suggested for ELISPOT capture.

Additional reported applications (for the relevant formats) include: immunohistochemical staining of paraformaldehyde-fixed, saponin-treated frozen tissue sections.

Description: Fibroblast growth factor-basic (FGF-b, FGF-2) is a heparin-binding growth factor which stimulates the proliferation of a wide variety of cells including mesenchymal, neuroectodermal and endothelial cells. FGF-basic also exerts a potent angiogenic activity in vivo. FGF-basic has been isolated from neural, pituitary, adrenal cortex, and placental tissues. The JKFb-1 antibody reacts with human fibroblast growth factor - basic (FGF-basic). The JKFb-1 antibody reacts with human fibroblast growth factor - basic (FGF-basic).

Antigen References:

1. Fitzgerald K, et al. Eds. 2001. The Cytokine FactsBook. Academic Press San Diego.
2. Klagsbrun M. 1992. *Semin. Cancer Biol.* 3:81.
3. Goldfarb M. 1990. *Cell Growth Differ.* 1:439.
4. Sensenbrenner M. 1993. *Prog. Neurobiol.* 41:683.

Related Products:

Product
Recombinant Human FGF-basic
HRP Avidin
TMB Substrate Reagent Set
ELISA Assay Diluent (5X)
Biotin anti-human FGF-basic

Clone
rh FGF-basic
Avidin

JKFb-2

Poly6162
Poly6163

Application

BA, ELISA
ELISA, ELISPOT, IHC, WB
ELISA
ELISA
ELISA Detection, ELISPOT
Detection
WB
WB



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