

Product Data Sheet

Biotin anti-human FGF-basic

Catalog # / Size: 508702 / 500 µg

Clone: JKFB-2

Isotype: Mouse IgG1, κ

Immunogen: Recombinant human bFGF

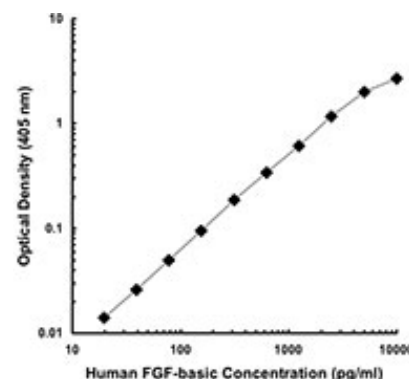
Reactivity: Human

Preparation: The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.

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. **Do not freeze.**



Applications:

Applications: ELISA Detection, ELISPOT Detection

Recommended Usage: Each lot of this antibody is quality control tested by ELISA assay. For use as an ELISA detection antibody, a concentration range of 1-4 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 Detection:** The biotinylated JKFB-2 antibody is useful as the detection antibody in a sandwich ELISA or ELISPOT assay, when used in conjunction with the purified JKFB-1 antibody (Cat. No. 508602/508604) as the capture antibody.

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-2 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)
 Purified anti-human FGF-basic
 Purified anti-FGFR1
 Purified anti-FGFR2

Clone
 rh FGF-basic
 Avidin

JKFB-1
 Poly6162
 Poly6163

Application
 BA, ELISA
 ELISA, ELISPOT, IHC, WB
 ELISA
 ELISA
 ELISA Capture
 WB
 WB



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