



Antibody Specification Sheet

Anti-Human Basic Fibroblast Growth Factor (hbFGF) – Biotin (FGF-2)

Catalog reference: AS25-B

Size: 0.2 mg



Antibody Information:

Antigen: human recombinant fibroblast growth factor (h bFGF).

Ig Class: mIgG1.

Form: biotin conjugate.

Specificity: recognizes human basic FGF. Does not recognize human acidic FGF or a panel of other human cytokines.

Antibody Source: monoclonal antibody from BALB/c-derived hybridomas.

Production: *in vitro* cell culture.

Purification: Protein A agarose chromatography.

Purity: ≥95%.

Formulation: provided as a 0.2µm sterile-filtered solution

in Ca⁺⁺ & Mg⁺⁺ free Dulbecco's PBS with 0.05% sodium azide.

Concentration: 0.5-1mg/ml.

Recommendations: ELISA.

Storage conditions: store undiluted at 4°C or in aliquots at ≤ -20°C.

Applications:

Elisa: This antibody can be used as a solution phase antibody at 2 µg/ml in a two site ELISA with AS24-P. Typically the ELISA has a working range of 1 -1000 ng/ml and a sensitivity of < 0.5

ng/ml with the appropriate standard. Recommended sample volumes are 25-200 µl. Recovery of human human basic FGF in human serum is typically >85% in the ELISA.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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