

# NeutraKine®FGF basic Monoclonal antibody, PBS Only (Detector)

Catalog Number: 69024-1-PBS

## Basic Information

Catalog Number:

69024-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

HZ-1285

GenBank Accession Number:

GeneID (NCBI):

2247

Full Name:

fibroblast growth factor 2 (basic)

Purification Method:

Protein G purification

CloneNo.:

3C9C3

## Applications

Tested Applications:

Cytometric bead array, Indirect ELISA, Neutralization

Species Specificity:

human

## Background Information

Fibroblast growth factor-2 (FGF-2), also referred to as basic FGF, belongs to a family of growth factors that stimulate proliferation of cells of mesenchymal, epithelial and neuroectodermal origin. The mRNA for this gene contains multiple polyadenylation sites, and is alternatively translated from non-AUG (CUG) and AUG initiation codons, resulting in at least five different isoforms with distinct properties.

This antibody is used to neutralize the bioactivity of FGFbasic-TS.

## Storage

Storage:

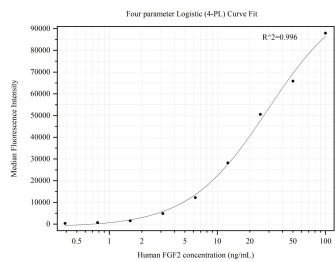
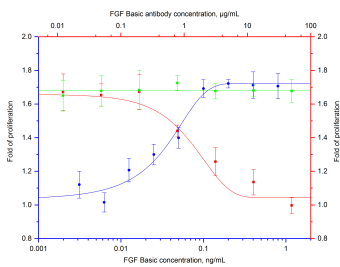
Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

Selected Validation Data



Recombinant human FGF Basic (Cat.NO. HZ-1285) stimulates the proliferation of BALB/3T3 cells (mouse fibroblast cell) at low FBS condition in a dose-dependent manner (blue curve, refer to bottom X-left Y axis). The activity of human FGF Basic (0.1 ng/mL HZ-1285) is neutralized by mouse anti-human FGF Basic monoclonal antibody 69024-1-Ig at serial dose (red curve, refer to top X-right Y axis). The ND50 is typically 1-10  $\mu$ g/mL. Mouse IgG1 Isotype Control monoclonal

Cytometric bead array standard curve of MP50262-2, FGF2 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 68870-2-PBS. Detection antibody: 69024-1-PBS. Standard: HZ-1285. Range: 0.391-100 ng/mL.