

For Research Use Only

# NeutraKine®FGF basic Monoclonal antibody



Catalog Number: 69024-1-Ig **1 Publications**

## Basic Information

Catalog Number: 69024-1-Ig	GenBank Accession Number: GeneID (NCBI): 2247	Purification Method: Protein G purification
Size: 100ug	Full Name: fibroblast growth factor 2 (basic)	CloneNo.: 3C9C3
Source: Mouse		
Isotype: IgG1		
Immunogen Catalog Number: HZ-1285		

## Applications

Tested Applications:  
ELISA, Neutralization

Cited Applications:  
Cell treatment

Species Specificity:  
Human

Cited Species:  
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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Dandan Li	38479160	Int Immunopharmacol	Cell treatment

## Storage

Storage:  
Lyophilized antibodies are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at 4°C for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Storage Buffer:  
Sterile PBS.

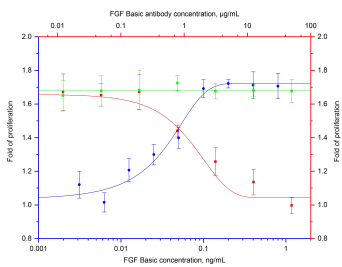
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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# 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 µg/mL Mouse IgG1 Isotype Control monoclonal

