

NeutraKine®FGF basic Monoclonal antibody

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

Basic Information

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

Applications

Tested Applications:
Neutralization, ELISA

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

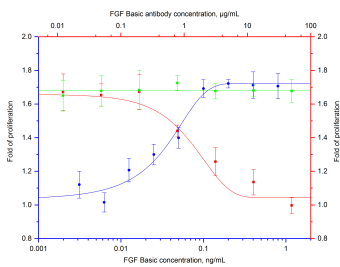
Storage

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

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

