

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

Catalog Number: 69024-1-PBS

Basic Information

Catalog Number: 69024-1-PBS	GenBank Accession Number: GeneID (NCBI): 2247	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	Full Name: fibroblast growth factor 2 (basic)	CloneNo.: 3C9C3
Source: Mouse		
Isotype: IgG1		
Immunogen Catalog Number: HZ-1285		

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA, Neutralization

Species Specificity:
human

Product Information

69024-1-PBS targets NeutraKine®FGF basic as part of a matched antibody pair.

MP50262-2: 68870-2-PBS capture and 69024-1-PBS detection (validated in Cytometric bead array)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

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

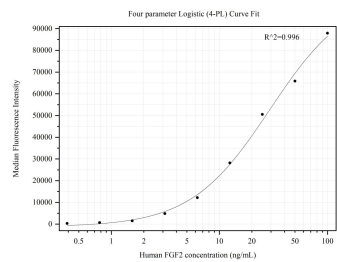
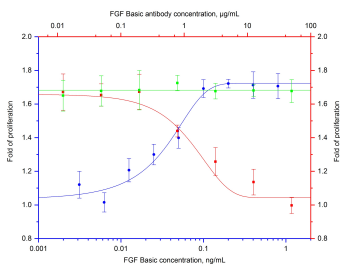
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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)
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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

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