BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-Fructose 6 Phosphate Kinase Rabbit Monoclonal Antibody

**Catalog Number:** M04370-1

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## Overview

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|---|---|
| Product Name | Anti-Fructose 6 Phosphate Kinase Rabbit Monoclonal Antibody |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-Fructose 6 Phosphate Kinase Rabbit Monoclonal Antibody catalog # M04370-1. Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |
| Application | Flow Cytometry, IF, ICC, WB |
| Clonality | Monoclonal 18P49 |
| Formulation | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | P08237 |

## Technical Details

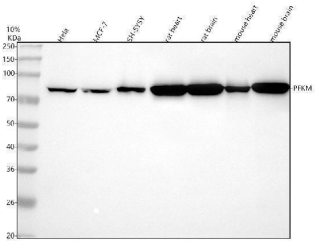
| | |
|---|---|
| Immunogen | A synthesized peptide derived from human Fructose 6 Phosphate Kinase |
| Isotype | IgG |
| Form | Liquid |
| Concentration | 0.5mg/ml |
| Purification | Affinity-chromatography |
| Suggested Dilutions | WB 1:500-2000 |

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| | ICC/IF 1:50-200<br>FC 1:100 |

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# Anti-Fructose 6 Phosphate Kinase Rabbit Monoclonal Antibody (M04370-1) Images




Western blot analysis of PFKM using anti-PFKM antibody (M04370-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Hela whole cell lysates, Lane 2: human MCF-7 whole cell lysates, Lane 3: human SH-SY5Y whole cell lysates, Lane 4: rat heart tissue lysates, Lane 5: rat brain tissue lysates, Lane 6: mouse heart tissue lysates, Lane 7: mouse brain tissue lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-PFKM antigen affinity purified monoclonal antibody (M04370-1) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for PFKM at approximately 81 kDa. The expected band size for PFKM is at 85 kDa.

Anti-Fructose 6 Phosphate Kinase Rabbit Monoclonal Antibody

For Research Use Only. Not for use in diagnostic procedures.