

Anti-PFKFB3 Monoclonal Antibody

Catalog Number: M02382

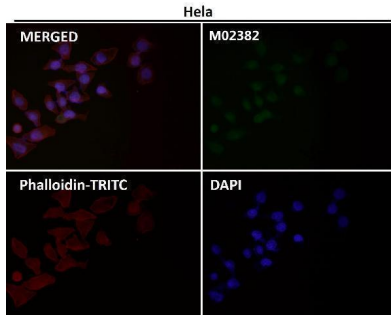
Overview

Product Name	Anti-PFKFB3 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PFKFB3 Monoclonal Antibody catalog # M02382. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal ADII-16
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. 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	Q16875

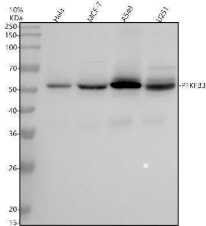
Technical Details

Immunogen	A synthesized peptide derived from human PFKFB3.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 IHC 1:50-200 ICC/IF 1:50-200 IP 1:50 FC 1:50

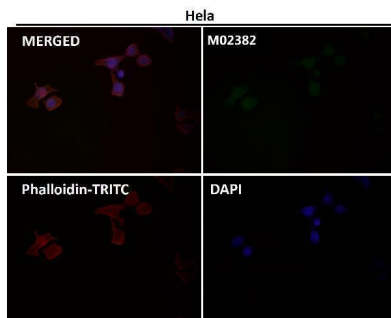
Anti-PFKFB3 Monoclonal Antibody (M02382) Images



Immunofluorescent analysis using the Antibody at 1:150 dilution.



Western blot analysis of PFKFB3 using anti-PFKFB3 antibody (M02382). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 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 A549 whole cell lysates, Lane 4: human U251 whole cell 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-PFKFB3 antigen affinity purified monoclonal antibody (M02382) 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 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for PFKFB3 at approximately 58 kDa. The expected band size for PFKFB3 is at 60 kDa.



Immunofluorescent analysis using the Antibody at 1:50 dilution.

1 Publications Citing This Product

1. PubMed ID: 32330381, Zhao Q, Li J, Wu B, Shang Y, Huang X, Dong H, Liu H, Chen W, Gui R, Nie X. Smart Biomimetic Nanocomposites Mediate Mitochondrial Outcome through Aerobic Glycolysis Reprogramming: A Promising Treatment for Lymphoma. ACS Appl Mater Interfaces. 2020 May 20;12(20):22687-

Visit [bosterbio.com/anti-pfkfb3-antibody-m02382-boster.html](https://www.bosterbio.com/anti-pfkfb3-antibody-m02382-boster.html) to see all 1 publications.

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