

Anti-PFKFB3 Monoclonal Antibody

Catalog Number: M02382

About PFKFB3

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

Overview

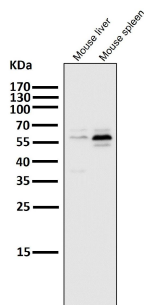
Product Name	Anti-PFKFB3 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PFKFB3 Monoclonal Antibody catalog # M02382. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal ADII-16
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
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

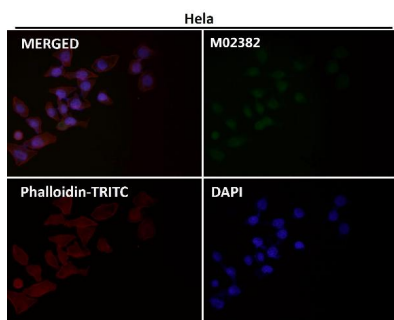
Immunogen	A synthesized peptide derived from human PFKFB3.
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
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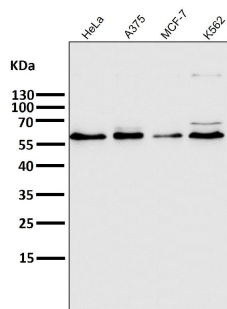
Anti-PFKFB3 Monoclonal Antibody (M02382) Images



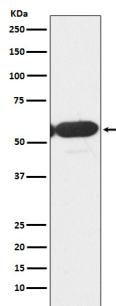
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Immunofluorescent analysis using the Antibody at 1:150 dilution.

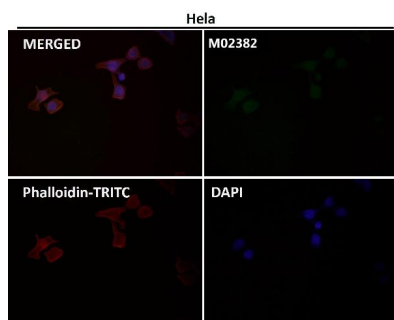


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



Western blot analysis of PFKFB3 expression in Jurkat cell lysate.

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-

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