

## Anti-PI3 Kinase p85 alpha Rabbit Monoclonal Antibody

Catalog Number: M00318-2

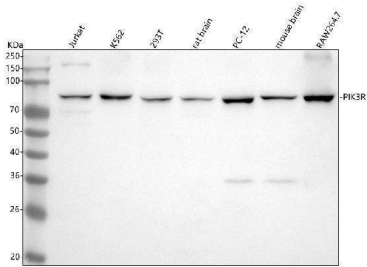
### Overview

Product Name	Anti-PI3 Kinase p85 alpha Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-PI3 Kinase p85 alpha Rabbit Monoclonal Antibody catalog # M00318-2. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, ICC, WB
Clonality	Monoclonal 17P38
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	P27986

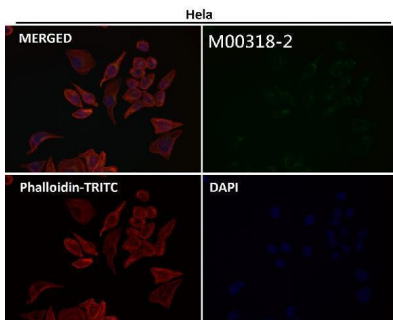
### Technical Details

Immunogen	A synthesized peptide derived from human PI3 Kinase p85 alpha
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000

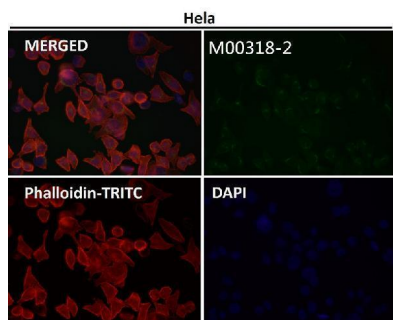
## Anti-PI3 Kinase p85 alpha Rabbit Monoclonal Antibody (M00318-2) Images



Western blot analysis of PI3 Kinase p85 alpha using anti-PI3 Kinase p85 alpha antibody (M00318-2). 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 Jurkat whole cell lysates, Lane 2: human K562 whole cell lysates, Lane 3: human 293T whole cell lysates, Lane 4: rat brain tissue lysates, Lane 5: rat PC-12 whole cell lysates, Lane 6: mouse brain tissue lysates, Lane 7: mouse RAW264.7 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-PI3 Kinase p85 alpha antigen affinity purified monoclonal antibody (Catalog # M00318-2) 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 PI3 Kinase p85 alpha at approximately 84 kDa. The expected band size for PI3 Kinase p85 alpha is at 84 kDa.

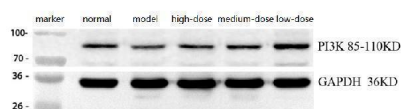


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.

Western blot analysis of PI3 Kinase p85 alpha using anti-PI3 Kinase p85 alpha antibody (M00318-2). 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: normal group-Rat skeletal muscle tissue lysates, Lane 2: model group-Rat skeletal muscle tissue lysates, Lane 3: high-dose group-Rat skeletal muscle tissue lysates, Lane 4: medium-dose group-Rat skeletal muscle tissue lysates, Lane 5: low-dose group-Rat skeletal muscle 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-PI3 Kinase p85 alpha antigen affinity purified monoclonal antibody (Catalog # M00318-2) at 1:2000 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 1:10000 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 PI3 Kinase p85 alpha at approximately 85-110 kDa. The expected band size for PI3 Kinase p85 alpha is at 84 kDa.

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