

Anti-AMPK alpha1 PRKAA1 Monoclonal Antibody

Catalog Number: A00994-2

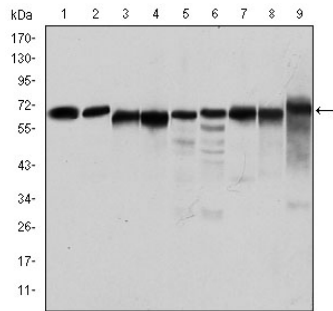
Overview

Product Name	Anti-AMPK alpha1 PRKAA1 Monoclonal Antibody
Reactive Species	Human, Monkey, Mouse, Rat
Description	Boster Bio Anti-AMPK alpha1 PRKAA1 Monoclonal Antibody catalog # A00994-2. Tested in Flow Cytometry, IF, IHC, WB applications. This antibody reacts with Human, Monkey, Mouse, Rat.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal 2B7
Formulation	Ascitic fluid containing 0.03% sodium azide.
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	Mouse
Uniprot ID	Q13131

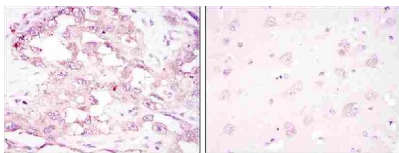
Technical Details

Immunogen	Synthetic Peptide
Predicted Reactive Species	Bovine, Canine, Equine, Guinea Pig, Rabbit
Isotype	IgG1
Form	Liquid
Concentration	This antibody's concentration is >0.5mg/ml.
Purification	Ascitic fluid
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, 1:200-1:1000 IF, 1:200-1:1000 FC, 1:200-1:400

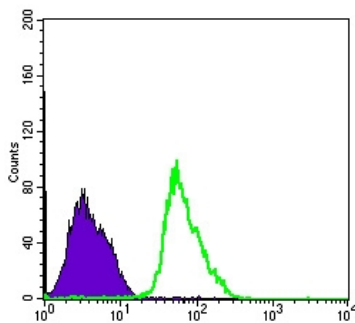
Anti-AMPK alpha1 PRKAA1 Monoclonal Antibody (A00994-2) Images



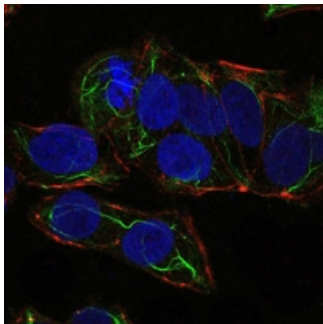
Western Blot (WB) analysis using AMPKalpha1 Monoclonal antibody against Jurkat (1), HeLa (2), HepG2 (3), MCF-7 (4), Cos7 (5), NIH/3T3 (6), K562 (7), HEK293 (8), and PC-12 (9) cell lysate.



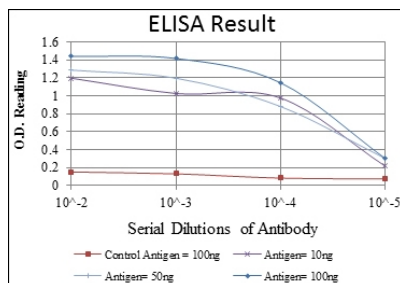
Immunohistochemistry (IHC) analysis of paraffin-embedded ovarian cancer (left) and brain tissues (right) with DAB staining using AMPKalpha1 Monoclonal antibody.



Flow cytometric (FCM) analysis of PC-2 cells using AMPKalpha1 Monoclonal antibody (green) and negative control (purple).



Immunofluorescence (IF) analysis of NTERA-2 cells using AMPKalpha1 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



ELISA analysis of AMPKalpha1 antibody.

1 Publications Citing This Product

1. PubMed ID: 25162824, Hou S, Zheng F, Li Y, Gao L, Zhang J. Int J Mol Sci. 2014 Aug 26;15(9):15026-43. Doi: 10.3390/Ijms150915026. The

Protective Effect Of Glycyrrhizic Acid On Renal Tubular Epithelial Cell Injury Induced By High Glucose.

Visit bosterbio.com/anti-ampk-alpha1-antibody-a00994-2-boster.html to see all 1 publications.

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