

Anti-AMPK alpha1 PRKAA1 Monoclonal Antibody

Catalog Number: A00994-2

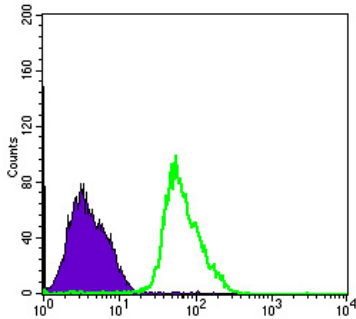
Overview

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 WB, IHC, IF, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat, Monkey.
Application	ELISA, 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

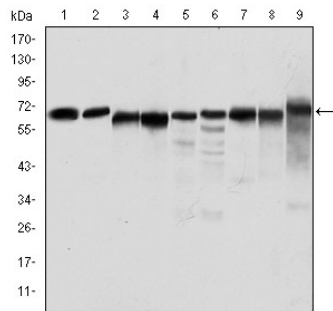
Technical Details

Immunogen	Purified recombinant fragment of human AMPKalpha1 expressed in E. Coli.
Isotype	IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Ascitic fluid
Suggested Dilutions	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000

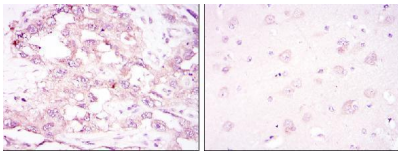
Anti-AMPK alpha1 PRKAA1 Monoclonal Antibody (A00994-2) Images



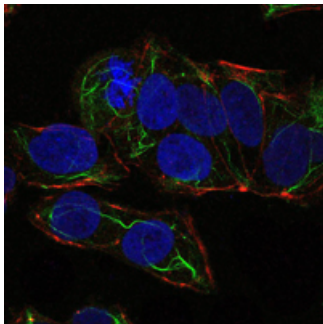
Flow cytometric analysis of PC-2 cells using AMPKalpha1 Monoclonal Antibody (green) and negative control (purple).



Western Blot 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 analysis of paraffin-embedded ovarian cancer (left) and brain tissues (right) with DAB staining using AMPKalpha1 Monoclonal Antibody.



Immunofluorescence 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.

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.

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