

## Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OT1B2]

Catalog Number: M04244-1

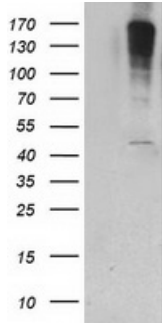
### Overview

Product Name	Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OT1B2]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PIP4K2A mouse monoclonal antibody, clone OT1B2 (formerly 1B2). Catalog# M04244-1. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OT1B2
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. 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 as received.
Host	Mouse
Uniprot ID	P48426

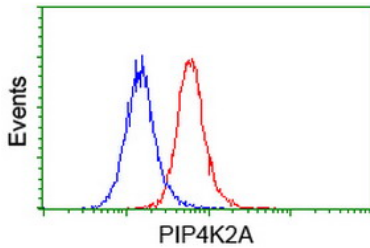
### Technical Details

Immunogen	Full length human recombinant protein of human PIP4K2A (NP_005019) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.46 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB 1:2000 IF 1:100 Flow Cytometry 1:100

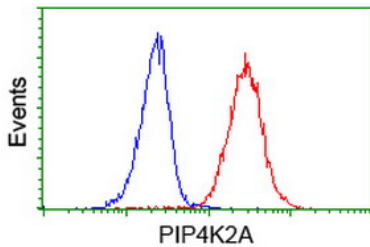
## Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OTI1B2] (M04244-1) Images



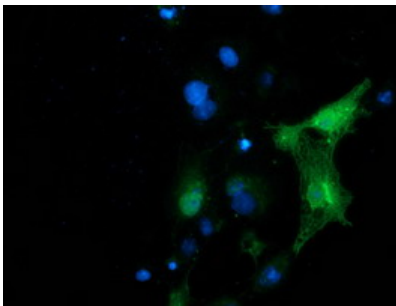
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIP4K2A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIP4K2A.



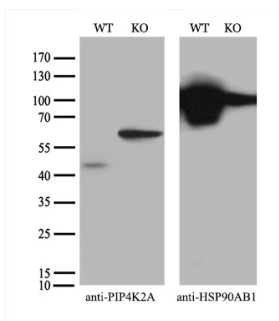
Flow cytometric Analysis of HeLa cells



Flow cytometric Analysis of Jurkat cells



Anti-PIP4K2A mouse monoclonal antibody (M04244-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PIP4K2A.



Equivalent amounts of cell lysates (10 ug per lane) of wild-type HeLa cells (WT) and PIP4K2A-Knockout HeLa cells (KO) were separated by SDS-PAGE and immunoblotted with anti-PIP4K2A monoclonal antibody M04244-1 (1:100). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.

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Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OT11B2]

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