

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

Catalog Number: M04244-1

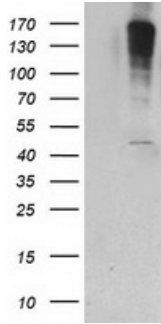
### Overview

Product Name	Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OTI1B2]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PIP4K2A mouse monoclonal antibody, clone OTI1B2 (formerly 1B2). Catalog# M04244-1. Tested in FC, IF, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IF, WB
Clonality	Monoclonal OTI1B2
Formulation	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P48426

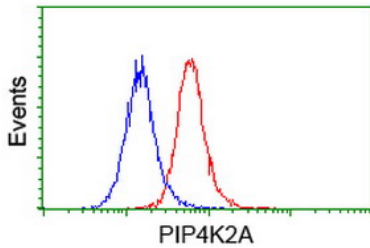
### Technical Details

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	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:

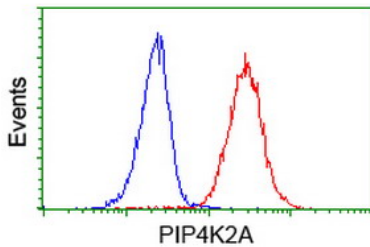
## Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OTI1B2] (M04244-1) Images



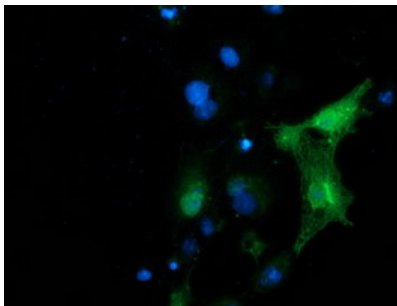
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIP4K2A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIP4K2A.



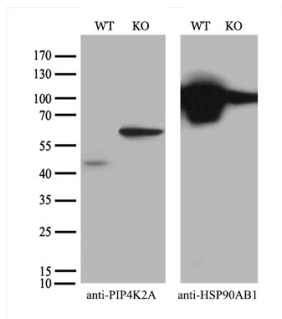
Flow cytometric Analysis of HeLa cells



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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