

Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OTI3D3]

Catalog Number: M04244

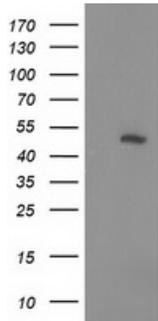
Overview

Product Name	Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OTI3D3]
Reactive Species	Human, Mouse, Rat
Description	Boster Bio PIP4K2A mouse monoclonal antibody, clone OTI3D3 (formerly 3D3). Catalog# M04244. Tested in FC, IHC, WB. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IHC, WB
Clonality	Monoclonal OTI3D3
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

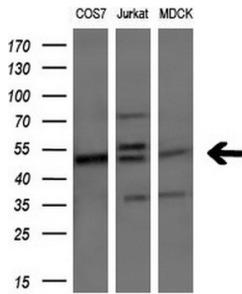
Technical Details

Immunogen	Full length human recombinant protein of human PIP4K2A (NP_005019) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.9 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:

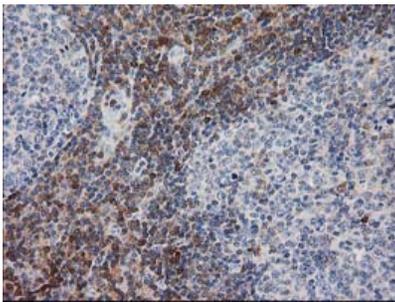
Anti-PIP5K2 alpha (PIP4K2A) Mouse Monoclonal Antibody [Clone ID: OTI3D3] (M04244) Images



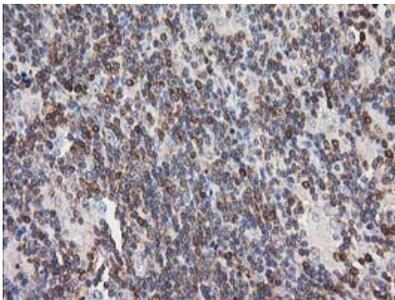
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PIP4K2A (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PIP4K2A.



Western blot analysis of extracts (10ug) from 3 different cell lines by using anti-PIP4K2A monoclonal antibody (1:200).

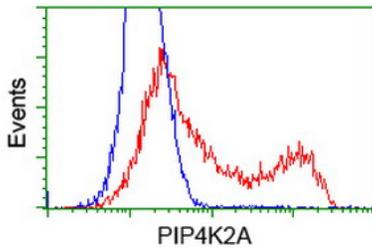


Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-PIP4K2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

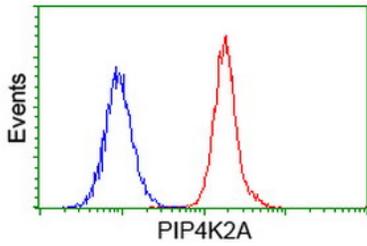


Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-PIP4K2A mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

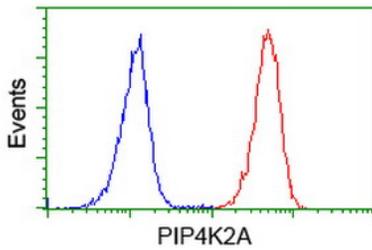
HEK293T cells transfected with either PIP4K2A (Myc-DDK-tagged) overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-PIP4K2A antibody (M04244)



Flow cytometric Analysis of HeLa cells



Flow cytometric Analysis of Jurkat cells



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