

Product datasheet

Anti-PIP4K2 alpha antibody [3A9] ab117967

5 图像

概述

产品名称	Anti-PIP4K2 alpha抗体[3A9]
描述	小鼠单克隆抗体[3A9] to PIP4K2 alpha
宿主	Mouse
经测试应用	适用于: WB, Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant full length Human PIP5K2 alpha protein (NP_005019) produced in 293T Cell.
阳性对照	WB: HEK293T cells transfected with pCMV6-ENTRY PIP5K2 alpha cDNA; Extracts from HepG2, HeLa and A549 cell lines Flow Cyt: HeLa cells, Jurkat cells
常规说明	Dilute in PBS (pH 7.3) before use.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 50% Glycerol, 1% BSA, 48% PBS
纯度	Protein G purified
纯化说明	ab117967 is purified from Mouse ascites fluids by affinity chromatography.
克隆	单克隆
克隆编号	3A9
同种型	IgG1

应用

Our [Abpromise guarantee](#) covers the use of **ab117967** in the following tested applications.

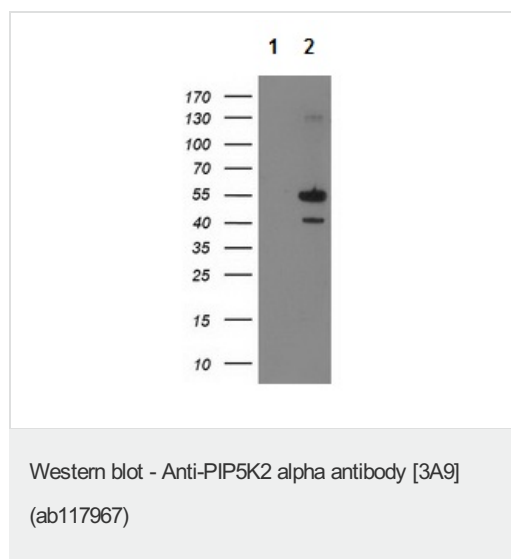
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/200 - 1/500. Predicted molecular weight: 46 kDa.
Flow Cyt		1/100. <a href="#">ab170190</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 靶标

<b>功能</b>	Catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring, to form phosphatidylinositol-4,5-biphosphate.
<b>组织特异性</b>	Expressed ubiquitously, with high levels in the brain. Present in most tissues, except notably skeletal muscle and small intestine.
<b>序列相似性</b>	Contains 1 PIPK domain.

## 图片



**All lanes :** Anti-PIP4K2 alpha antibody [3A9] (ab117967) at 1/500 dilution

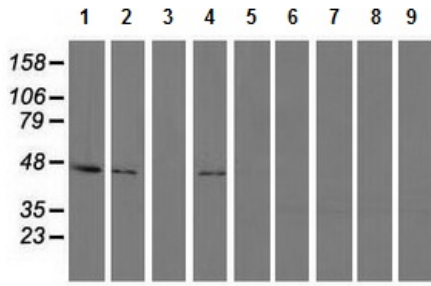
**Lane 1 :** HEK293T cells transfected with pCMV6-ENTRY control

**Lane 2 :** HEK293T cells transfected with pCMV6-ENTRY PIP5K2 alpha cDNA

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 46 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC201096)



Western blot - Anti-PIP5K2 alpha antibody [3A9] (ab117967)

**All lanes** : Anti-PIP4K2 alpha antibody [3A9] (ab117967) at 1/200 dilution

**Lane 1** : Extracts from HepG2 cell line

**Lane 2** : Extracts from HeLa cell line

**Lane 3** : Extracts from SYT2 cell line

**Lane 4** : Extracts from A549 cell line

**Lane 5** : Extracts from COS7 cell line

**Lane 6** : Extracts from Jurkat cell line

**Lane 7** : Extracts from MDCK cell line

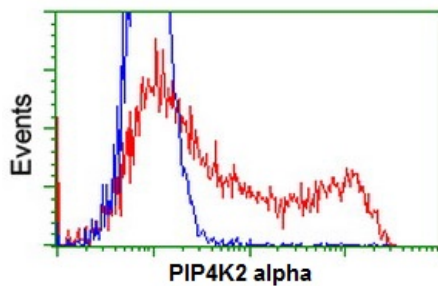
**Lane 8** : Extracts from PC12 cell line

**Lane 9** : Extracts from MCF7 cell line

Lysates/proteins at 35 µg per lane.

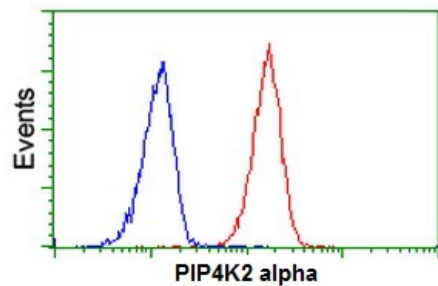
**Predicted band size:** 46 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC201096)



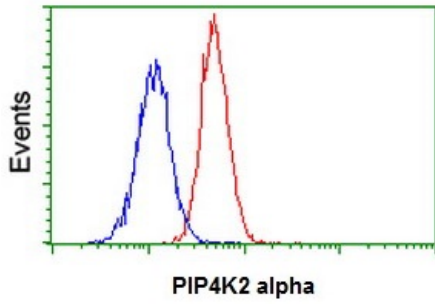
Flow Cytometry - Anti-PIP5K2 alpha antibody [3A9] (ab117967)

Flow cytometric analysis of HEK293T cells transfected with either PIP5K2 alpha overexpress plasmid (Red) or empty vector control plasmid (Blue), immunostained with ab117967 at a 1/100 dilution.



Flow Cytometry - Anti-PIP5K2 alpha antibody [3A9] (ab117967)

Flow cytometric analysis of HeLa cells using ab117967 at a 1/100 dilution (Red), compared to a nonspecific negative control antibody (Blue).



Flow cytometric analysis of Jurkat cells using ab117967 at a 1/100 dilution (Red), compared to a nonspecific negative control antibody (Blue).

Flow Cytometry - Anti-PIP5K2 alpha antibody [3A9]  
(ab117967)

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