

Product datasheet

Anti-PIP5K2 alpha antibody [3A9] ab117967

5 图像

概述

| | |
|-------|--|
| 产品名称 | Anti-PIP5K2 alpha抗体[3A9] |
| 描述 | 小鼠单克隆抗体[3A9] to PIP5K2 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.

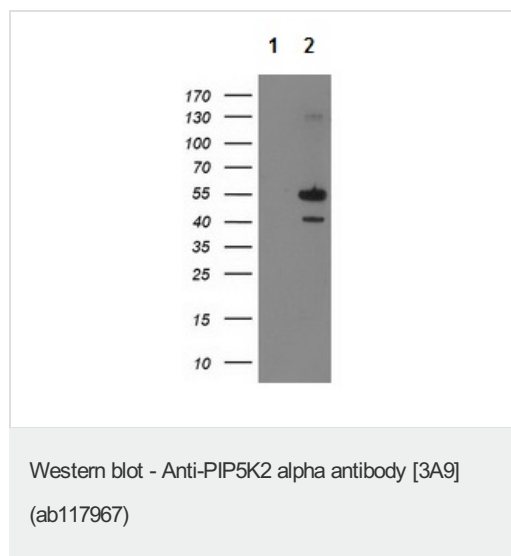
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

靶标

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

图片



All lanes : Anti-PIP5K2 alpha antibody [3A9] (ab117967) at 1/500 dilution

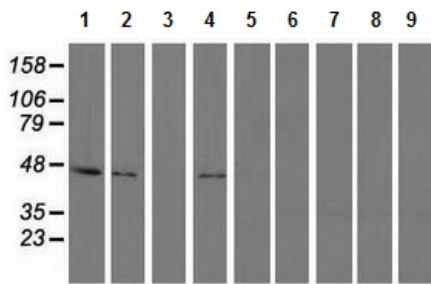
Lane 1 : HEK293T cells transfected with pCMV6-ENTRY control

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-PIP5K2 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

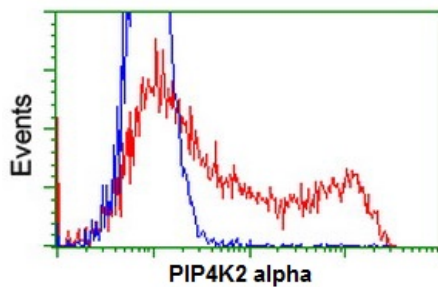
Lane 8 : Extracts from PC12 cell line

Lane 9 : Extracts from MCF7 cell line

Lysates/proteins at 35 µg per lane.

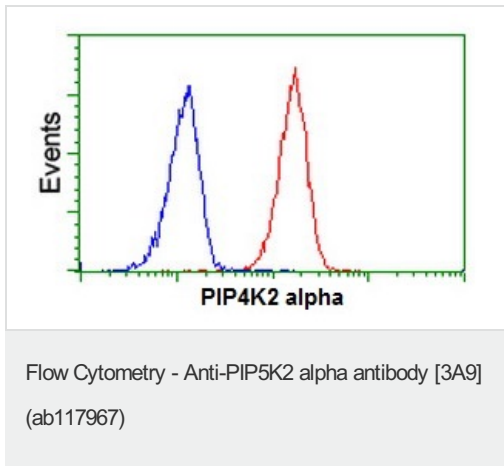
Predicted band size: 46 kDa

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

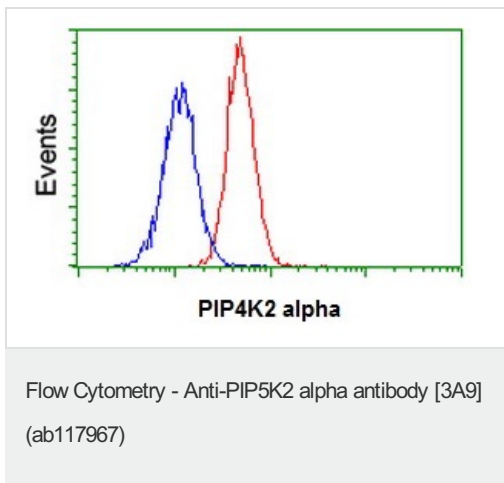


Flow Cytometry - Anti-PIP5K2 alpha antibody [3A9]
(ab117967)

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 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).

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