

Anti-POLDIP2 antibody [EPR13832] - BSA and Azide free ab232609

敲除验证
重组
RabMAb

4 图像

概述

产品名称	Anti-POLDIP2抗体[EPR13832] - BSA and Azide free
描述	兔单克隆抗体[EPR13832] to POLDIP2 - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IP
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Wild-type HAP1 whole cell lysate. HeLa and HepG2 whole cell lysate.
常规说明	<p>ab232609 is the carrier-free version of ab181841.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR13832
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab232609于以下的经测试应用

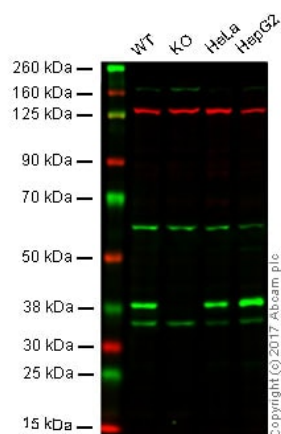
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 42 kDa.
IP		Use at an assay dependent concentration.

靶标

序列相似性	Contains 1 apaG domain.
细胞定位	Nucleus.

图片



Western blot - Anti-POLDIP2 antibody [EPR13832] - BSA and Azide free (ab232609)

Lane 1: Wild-type HAP1 whole cell lysate (20 µg)

Lane 2: POLDIP2 knockout HAP1 whole cell lysate (20 µg)

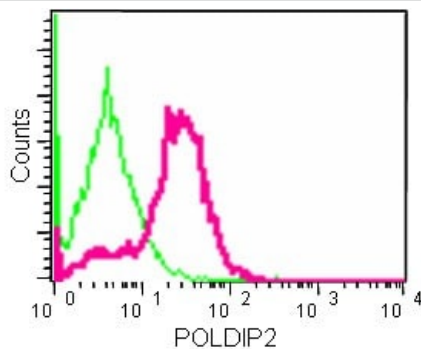
Lane 3: HeLa whole cell lysate (20 µg)

Lane 4: HepG2 whole cell lysate (20 µg)

Lanes 1 - 4: Merged signal (red and green). Green - **ab181841** observed at 38 kDa. Red - loading control, **ab18058**, observed at 130 kDa.

ab181841 was shown to specifically recognize POLDIP2 in wild-type HAP1 cells along with additional cross-reactive bands. No band was observed when POLDIP2 knockout samples were examined. Wild-type and POLDIP2 knockout samples were subjected to SDS-PAGE. **ab181841** and **ab18058** (Mouse anti Vinculin loading control) were incubated overnight at 4°C at 1/1,000 dilution and 1/20,000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preabsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preabsorbed (**ab216776**) secondary antibodies at 1/20,000 dilution for 1 hour at room temperature before imaging.

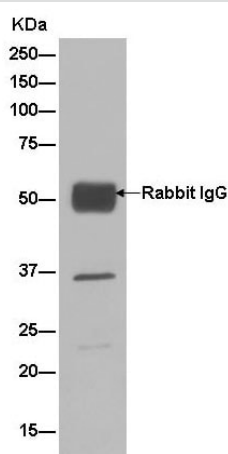
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181841**).



Flow Cytometry (Intracellular) - Anti-POLDIP2 antibody [EPR13832] - BSA and Azide free (ab232609)

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed HeLa cells labeling POLDIP2 with **ab181841** at 1/350 dilution (red) compared to a Rabbit monoclonal IgG Isotype control (green), followed by Goat anti rabbit IgG (FITC) secondary antibody at 1/150 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181841**).

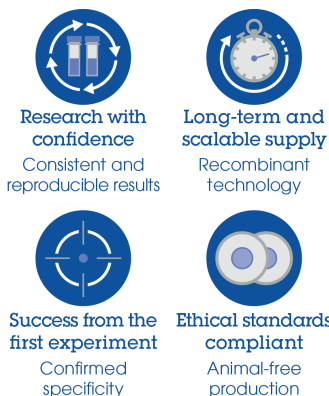


Immunoprecipitation - Anti-POLDIP2 antibody [EPR13832] - BSA and Azide free (ab232609)

Western blot analysis of HeLa cell lysate immunoprecipitated with **ab181841** at 1/40 dilution. Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate secondary antibody used at 1/1000 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab181841**).

Why choose a recombinant antibody?



Anti-POLDIP2 antibody [EPR13832] - BSA and Azide free (ab232609)

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