

Anti-IPPK/IPK1 antibody [EPR20893-54] - BSA and Azide free ab269959

リコンビナント **RabMAb**

画像数 4

製品の概要

製品名	Anti-IPPK/IPK1 antibody [EPR20893-54] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR20893-54] to IPPK/IPK1 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), IP, WB 適用なし: ICC or IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Wild-type HEK-293, IPPK/IPK1 knock out HEK-293, MCF7, Jurkat whole cell lysate. Flow Cyt (intra): MCF7 and HEK-293 cells. IP: MCF7 whole cell lysate.
特記事項	<p>ab269959 is the carrier-free version of ab230807.</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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR20893-54
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、**次のテスト済みアプリケーションにおけるab269959の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

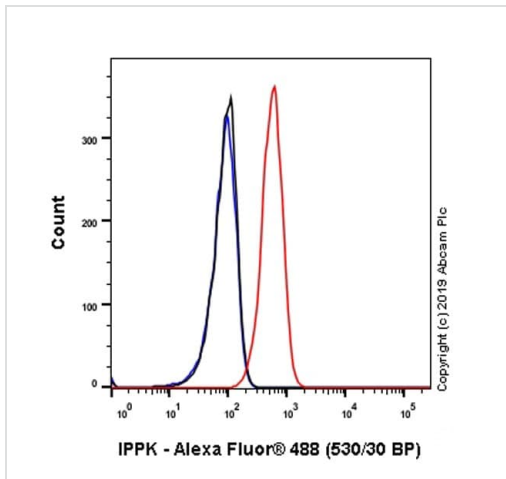
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 56 kDa.

追加情報 Is unsuitable for ICC or IHC-P.

ターゲット情報

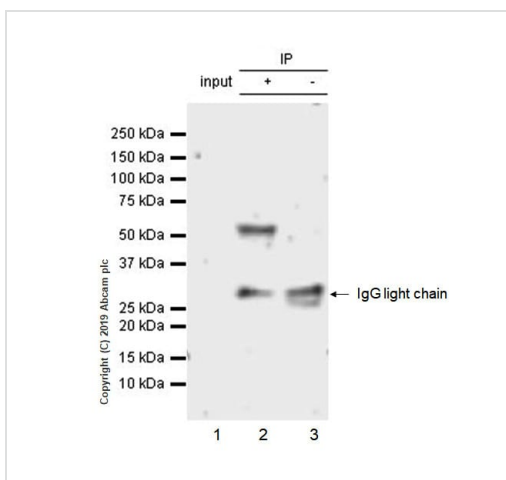
機能	Phosphorylates Ins(1,3,4,5,6)P5 at position 2 to form Ins(1,2,3,4,5,6)P6 (InsP6 or phytate). InsP6 is involved in many processes such as mRNA export, non-homologous end-joining, endocytosis, ion channel regulation. It also protects cells from TNF-alpha-induced apoptosis.
組織特異性	Ubiquitously expressed, with high expression in heart, brain, testis and placenta.
配列類似性	Belongs to the IPK1 type 2 family.
ドメイン	The EXKPK motif is conserved in inositol-pentakisphosphate 2-kinases of both family 1 and 2.
細胞内局在	Cytoplasm. Nucleus.

画像



Flow Cytometry (Intracellular) - Anti-IPPK/IPK1 antibody [EPR20893-54] - BSA and Azide free (ab269959)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed 90% methanol permeabilized HEK-293 (human embryonic kidney epithelial cell) cells labelling IPPK/IPK1 with [ab230807](#) at 1/500 dilution (0.1ug) (Red) compared with a Rabbit monoclonal IgG ([ab172730](#)) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, [ab150077](#)) at 1/2000 dilution was used as the secondary antibody. This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab230807](#)).



Immunoprecipitation - Anti-IPPK/IPK1 antibody [EPR20893-54] - BSA and Azide free (ab269959)

IPPK/IPK1 was immunoprecipitated from 0.35 mg MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysate 10ug with [ab230807](#) at 1/30 dilution (2ug in 0.35mg lysates). Western blot was performed on the immunoprecipitate using [ab230807](#) at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1/5000 dilution.

Lane 1: MCF7 (human breast adenocarcinoma epithelial cell) whole cell lysate 10ug

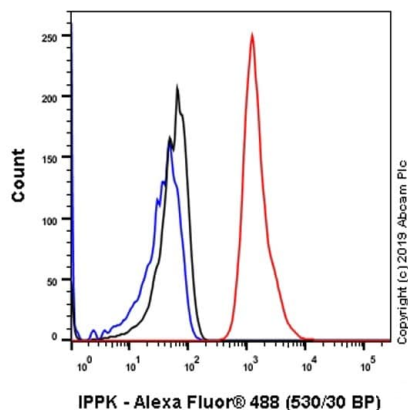
Lane 2: [ab230807](#) IP in MCF7 whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of [ab230807](#) in MCF7 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 3 minutes

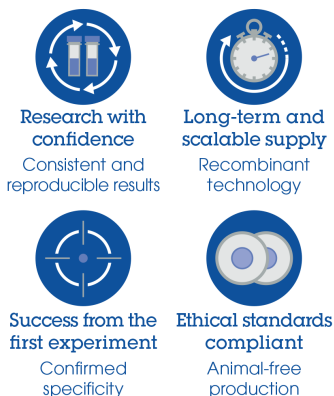
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab230807](#)).



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Why choose a recombinant antibody?



Anti-IPPK/IPK1 antibody [EPR20893-54] - BSA and Azide free (ab269959)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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