

Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y] ab68148

リコンビナント RabMAb

画像数 2

製品の概要

製品名	Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y]
製品の詳細	Rabbit monoclonal [EPR2610Y] to Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771)
由来種	Rabbit
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF 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	Jurkat cell lysate
特記事項	<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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Protein A purified

ポリモノ	モノクローナル
クローン名	EPR2610Y
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ab68148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検討ください。

アプリケーション	Abreviews	特記事項
WB		

追加情報 WB: 1/5000 - 1/20000. Detects a band of approximately ~155 kDa (predicted molecular weight: 149 kDa).

Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能 Plays a role in actin reorganization and cell migration. The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. Major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase.

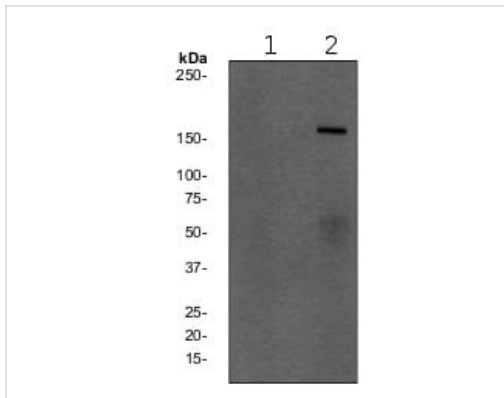
配列類似性 Contains 1 C2 domain.
 Contains 1 EF-hand domain.
 Contains 2 PH domains.
 Contains 1 PI-PLC X-box domain.
 Contains 1 PI-PLC Y-box domain.
 Contains 2 SH2 domains.
 Contains 1 SH3 domain.

ドメイン The SH3 domain mediates interaction with CLNK (By similarity). The SH3 domain also mediates interaction with RALGPS1.

翻訳後修飾 The receptor-mediated activation of PLC-gamma-1 and PLC-gamma-2 involves their phosphorylation by tyrosine kinases in response to ligation of a variety of growth factor receptors and immune system receptors. May be dephosphorylated by PTPRJ.
 Ubiquitinated by CBLB in activated T-cells.

細胞内局在 Cell projection > lamellipodium. Cell projection > ruffle. Rapidly redistributed to ruffles and lamellipodia structures in response to epidermal growth factor (EGF) treatment.

画像



Western blot - Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y] (ab68148)

All lanes : Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y771) antibody [EPR2610Y] (ab68148) at 1/20000 dilution

Lane 1 : Jurkat cell lysate (without pervanadate)

Lane 2 : Jurkat cell lysate treated with pervanadate

Lysates/proteins at 10 µg per lane.





Secondary

All lanes : HRP conjugated Goat anti-Rabbit at 1/2000 dilution

Predicted band size: 149 kDa

Observed band size: ~155 kDa

Why choose a recombinant antibody?

 <p>Research with confidence Consistent and reproducible results</p>	 <p>Long-term and scalable supply Recombinant technology</p>
 <p>Success from the first experiment Confirmed specificity</p>	 <p>Ethical standards compliant Animal-free production</p>

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

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