

Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y783) antibody [EPR2611Y] ab134186

リコンビナント RabMAb

1 References [画像数 2](#)

製品の概要

製品名	Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y783) antibody [EPR2611Y]
製品の詳細	Rabbit monoclonal [EPR2611Y] to Phospholipase C gamma 1/PLC-gamma-1 (phospho Y783)
由来種	Rabbit
特異性	This antibody detects Phospholipase C gamma 1/PLC-gamma-1 phosphorylated on Tyrosine 783.
アプリケーション	適用あり: WB 適用なし: Flow Cyt, ICC/IF, IHC-P or IP
種交差性	交差種: Human
免疫原	Synthetic peptide corresponding to Human Phospholipase C gamma 1/PLC-gamma-1 (phospho Y783). Database link: P19174
ポジティブ・コントロール	WB: Jurkat cell lysate treated with Pervanadate.
特記事項	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.

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	EPR2611Y
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ab134186の使用に適用されず
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		1/5000 - 1/10000. Detects a band of approximately 150 kDa (predicted molecular weight: 148 kDa).

追加情報 Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

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.

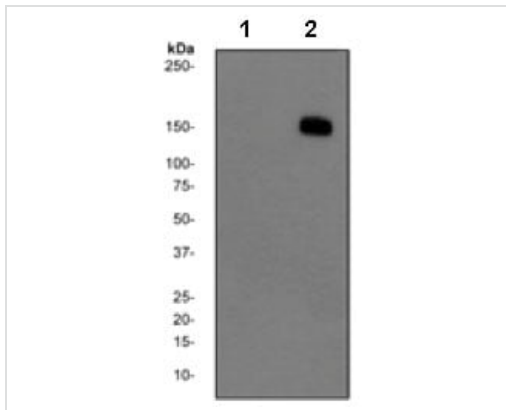
配列類似性
Contains 1 C2 domain.
Contains 1 EF-hand domain.
Contains 2 PH domains.
Contains 1 PI-PLC X-box domain.
Contains 1 PI-PLC Y-box domain.
Contains 2 SH2 domains.
Contains 1 SH3 domain.

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 Y783) antibody [EPR2611Y] (ab134186)

All lanes : Anti-Phospholipase C gamma 1/PLC-gamma-1 (phospho Y783) antibody [EPR2611Y] (ab134186) at 1/10000 dilution

Lane 1 : Jurkat cell lysate untreated

Lane 2 : Jurkat cell lysate treated with Pervanadate

Lysates/proteins at 10 µg per lane.





Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 148 kDa

Observed band size: 150 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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