

Anti-Cdc37 antibody [EPR4934] ab109419

リコンビナント RabMAb[®]

2 References [画像数 4](#)

製品の概要

製品名	Anti-Cdc37 antibody [EPR4934]
製品の詳細	Rabbit monoclonal [EPR4934] to Cdc37
由来種	Rabbit
アプリケーション	適用あり: WB, IP 適用なし: ICC/IF or IHC-P
種交差性	交差種: Mouse, Rat, 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: Jurkat, A431, K-562, LNCaP, NIH/3T3, Raw 264.7, PC-12, and C6 whole cell lysates. Rat and mouse heart tissue lysates; IP: Jurkat whole 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>

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 long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), 59% PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4934

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ab109419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		1/1000 - 1/10000. Detects a band of approximately 50 kDa (predicted molecular weight: 44 kDa).
IP		1/20. For unpurified use at 1/10 - 1/100.

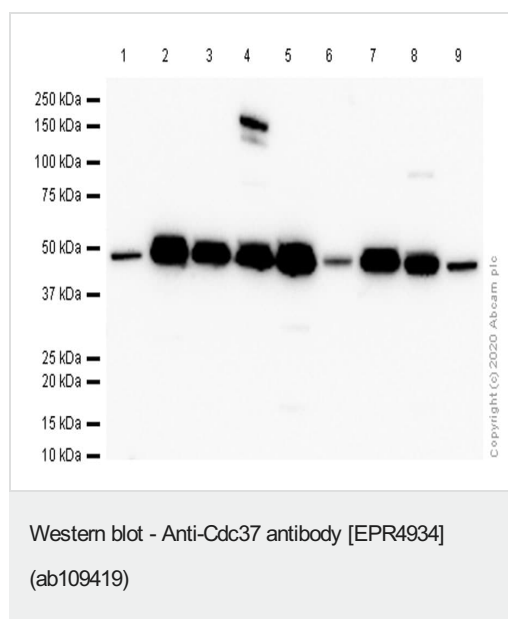
追加情報

Is unsuitable for ICC/IF or IHC-P.

ターゲット情報

機能	Co-chaperone that binds to numerous kinases and promotes their interaction with the Hsp90 complex, resulting in stabilization and promotion of their activity.
配列類似性	Belongs to the CDC37 family.
翻訳後修飾	Constitutively sumoylated by UBE2I.
細胞内局在	Cytoplasm.

画像



All lanes : Anti-Cdc37 antibody [EPR4934] (ab109419) at 1/10000 dilution (purified)

Lane 1 : A431 (Human epidermoid carcinoma epithelial cell) whole cell lysate

Lane 2 : K-562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysate

Lane 3 : LNCaP (Human prostate carcinoma epithelial cell) whole cell lysate

Lane 4 : NIH/3T3 (Mouse embryonic fibroblast) whole cell lysate

Lane 5 : Raw 264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysate

Lane 6 : Mouse heart lysate

Lane 7 : PC-12 (Rat adrenal gland pheochromocytoma) whole cell lysate

Lane 8 : C6 (Rat glial tumor glial cell) whole cell lysate

Lane 9 : Rat heart lysate

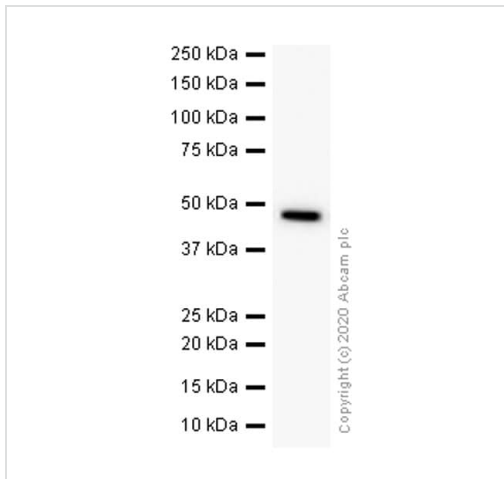
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa



Western blot - Anti-Cdc37 antibody [EPR4934] (ab109419)

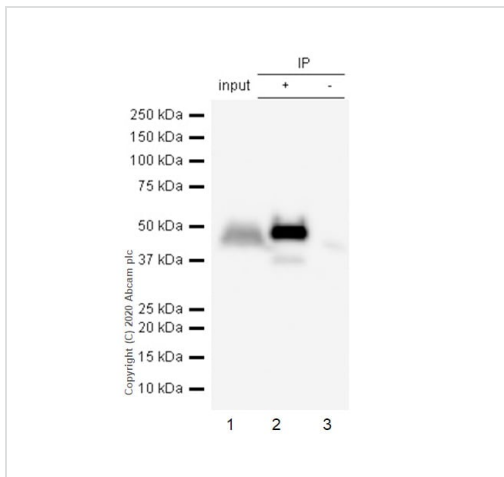
Anti-Cdc37 antibody [EPR4934] (ab109419) at 1/10000 dilution (purified) + Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate at 15 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 44 kDa

Observed band size: 44 kDa



Immunoprecipitation - Anti-Cdc37 antibody [EPR4934] (ab109419)

Purified ab109419 at 1/20 dilution (0.5 µg) immunoprecipitating Cdc37 in Jurkat whole cell lysate.

Lane 1 (input): Jurkat (Human T cell leukemia T lymphocyte) whole cell lysate 10 µg

Lane 2 (+): ab109419 + Jurkat whole cell lysate.

Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab109419 in Jurkat whole cell lysate.

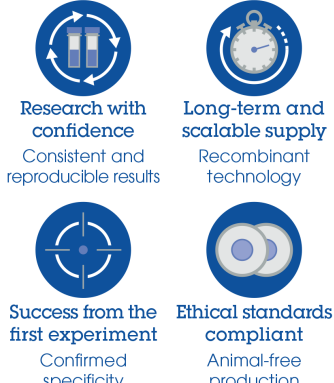
VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) (1/1000 dilution) was used for Western blotting.

Blocking Buffer and concentration: 5% NFDm/TBST.

Diluting buffer and concentration: 5% NFDm/TBST.

Observed band size: 44 kDa

Why choose a recombinant antibody?



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

Anti-Cdc37 antibody [EPR4934] (ab109419)

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