

Anti-SIRT2 antibody [EP1668Y] ab51023

リコンビナント **RabMAb**

★★★★☆ **4 Abreviews** **13 References** 画像数 4

製品の概要

製品名	Anti-SIRT2 antibody [EP1668Y]
製品の詳細	Rabbit monoclonal [EP1668Y] to SIRT2
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, IP 適用なし: IHC-P
種交差性	交差種: Human
免疫原	Synthetic peptide within Human SIRT2 (C terminal). The exact sequence is proprietary.
ポジティブ・コントロール	WB: SKBR-3 cell lysate Flow Cyt (intra): HeLa cells IP: HeLa cell lysate
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 .

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: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
精製度	Tissue culture supernatant
ポリ/モノ	モノクローナル
クローン名	EP1668Y

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ab51023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。

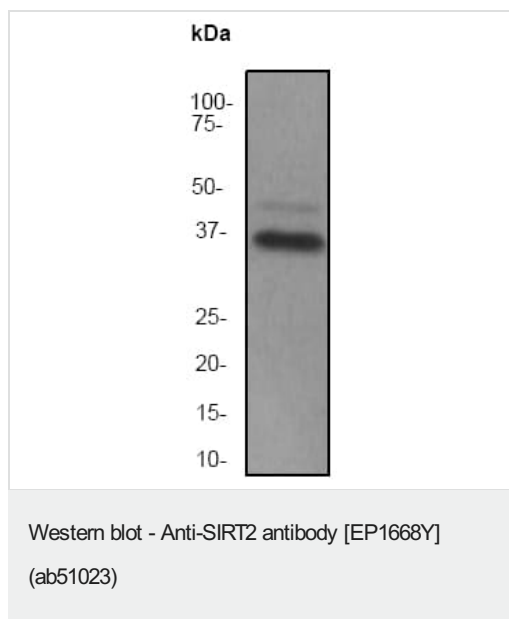
アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/30. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB	★★★★★ (3)	1/1000. Detects a band of approximately 36 kDa (predicted molecular weight: 43 kDa).
IP	★★★★★ (1)	1/50.

追加情報 Is unsuitable for IHC-P.

ターゲット情報

機能	NAD-dependent protein deacetylase, which deacetylates the 'Lys-40' of alpha-tubulin. Involved in the control of mitotic exit in the cell cycle, probably via its role in the regulation of cytoskeleton.
組織特異性	Widely expressed. Highly expressed in heart, brain and skeletal muscle, while it is weakly expressed in placenta and lung. Down-regulated in many gliomas suggesting that it may act as a tumor suppressor gene in human gliomas possibly through the regulation of microtubule network.
配列類似性	Belongs to the sirtuin family. Contains 1 deacetylase sirtuin-type domain.
発生段階	Peaks during mitosis. After mitosis, it is probably degraded by the 26S proteasome.
翻訳後修飾	Phosphorylated at the G2/M transition of the cell cycle.
細胞内局在	Cytoplasm > cytoskeleton. Colocalizes with microtubules.

画像



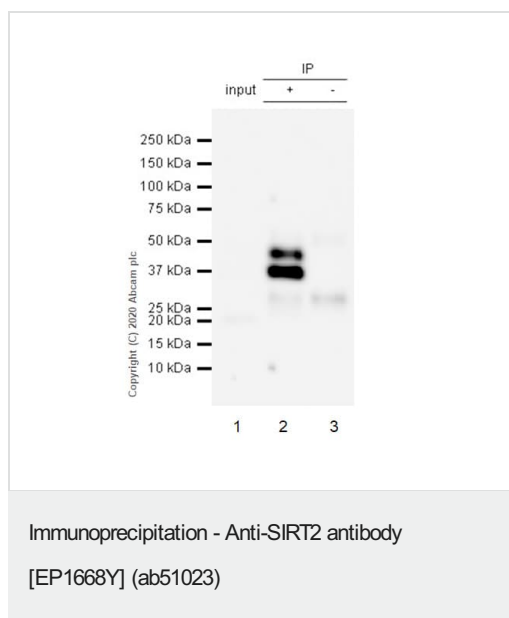
Anti-SIRT2 antibody [EP1668Y] (ab51023) at 1/1000 dilution + SKBR-3 cell lysate at 10 µg

Secondary

Goat anti-rabbit HRP labeled at 1/2000 dilution

Predicted band size: 43 kDa

Observed band size: 36 kDa



Purified ab51023 at 1/50 dilution (2µg) immunoprecipitating SIRT2 in HeLa whole cell lysate.

Lane 1 (input): HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysate 10µg

Lane 2 (+): ab51023 + HeLa whole cell lysate.

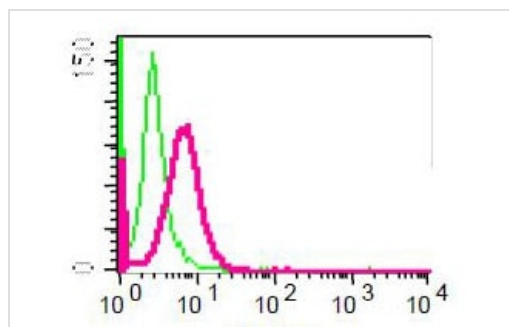
Lane 3 (-): Rabbit monoclonal IgG ([ab172730](#)) instead of ab51023 in HeLa whole cell lysate.

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: 36-43 kDa



Intracellular Flow Cytometry analysis of permeabilized HeLa cells using anti-SIRT2/SIRT2 (red) (ab51023) or a rabbit IgG (negative) (green).

Flow Cytometry (Intracellular) - Anti-SIRT2 antibody [EP1668Y] (ab51023)

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-SIRT2 antibody [EP1668Y] (ab51023)

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