

Anti-CENPC antibody [EPR15939] ab193666

リコンビナント RabMAb

★★★★☆ **3 Abreviews** **3 References** **画像数 8**

製品の概要

製品名	Anti-CENPC antibody [EPR15939]
製品の詳細	Rabbit monoclonal [EPR15939] to CENPC
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), IP, IHC-P, WB
種交差性	交差種: Mouse, Rat, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: Jurkat, A431, K562 and NIH/3T3 cell lysates. IHC-P: Human spleen tissue; Rat cardiac muscle tissue. Flow Cyt (intra): K562 cells.
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

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: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR15939
アイソタイプ	IgG

アプリケーション

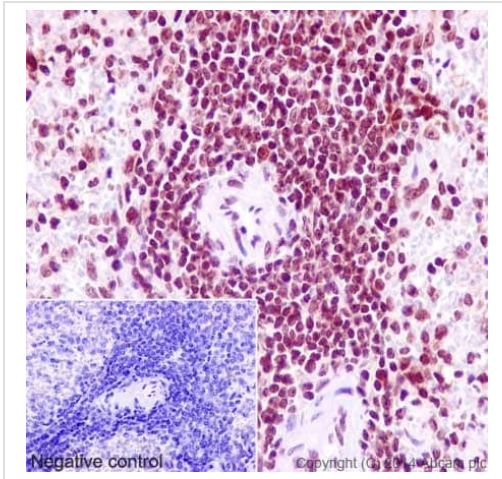
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab193666の使用に適用されず**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/400. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		1/100.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		1/1000 - 1/10000. Detects a band of approximately 107 kDa (predicted molecular weight: 107 kDa).

ターゲット情報

機能	Component of the CENPA-NAC (nucleosome-associated) complex, a complex that plays a central role in assembly of kinetochore proteins, mitotic progression and chromosome segregation. The CENPA-NAC complex recruits the CENPA-CAD (nucleosome distal) complex and may be involved in incorporation of newly synthesized CENPA into centromeres. CENPC recruits DNA methylation and DNMT3B to both centromeric and pericentromeric satellite repeats and regulates the histone code in these regions.
配列類似性	Belongs to the CENPC family.
ドメイン	The MIF2 homology domain II targets centromeres and binds the alpha satellite DNA in vivo. The MIF2 homology domain III can induce CENPC dimerization/oligomerization.
細胞内局在	Nucleus. Chromosome > centromere > kinetochore. Localizes exclusively in the kinetochore domain of centromeres.

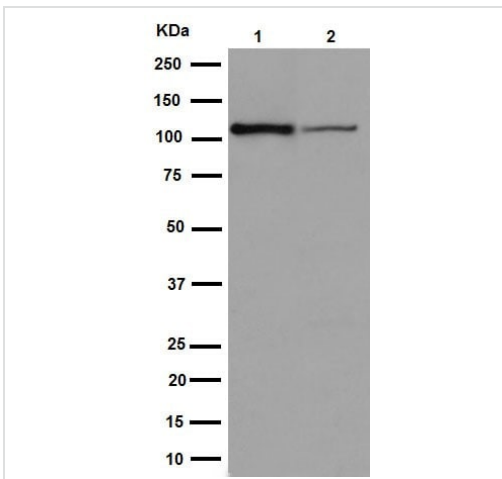
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CENPC antibody [EPR15939] (ab193666)

Immunohistochemical analysis of paraffin-embedded human spleen tissue labeling CENPC with ab193666 at 1/1,000 dilution, followed by prediluted HRP polymer for Rabbit/Mouse IgG. Counter stained with hematoxylin.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-CENPC antibody [EPR15939] (ab193666)

All lanes : Anti-CENPC antibody [EPR15939] (ab193666) at 1/5000 dilution

Lane 1 : Jurkat cell lysate

Lane 2 : A431 cell lysate

Lysates/proteins at 20 µg per lane.

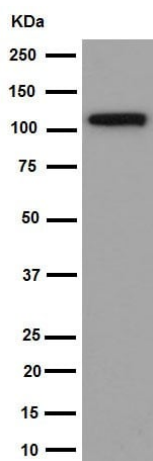
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 107 kDa

Observed band size: 107 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-CENPC antibody [EPR15939]
(ab193666)

Anti-CENPC antibody [EPR15939] (ab193666) at 1/10000 dilution
+ K562 cell lysate at 10 µg

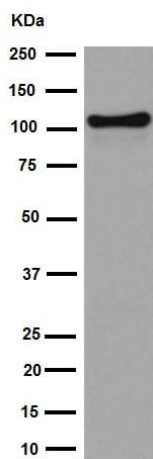
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000
dilution

Predicted band size: 107 kDa

Observed band size: 107 kDa

Blocking/Dilution buffer: 5% NFDm/TBST.



Western blot - Anti-CENPC antibody [EPR15939]
(ab193666)

Anti-CENPC antibody [EPR15939] (ab193666) at 1/1000 dilution +
NIH/3T3 cell lysate at 10 µg

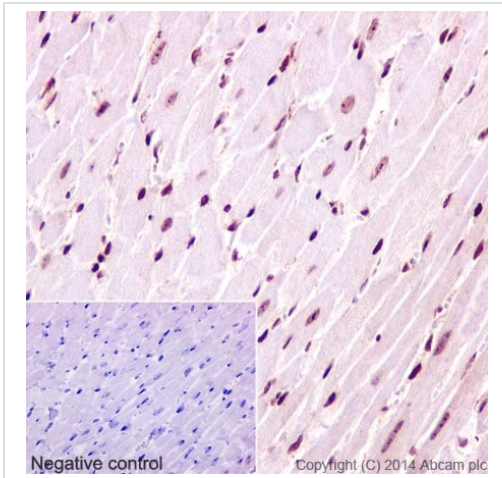
Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000
dilution

Predicted band size: 107 kDa

Observed band size: 107 kDa

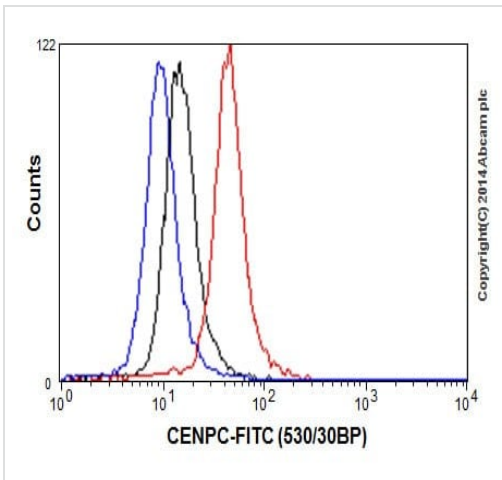
Blocking/Dilution buffer: 5% NFDm/TBST.



Immunohistochemical analysis of paraffin-embedded Rat cardiac muscle tissue labeling CENPC with ab193666 at 1/1000 dilution (2µg/ml), followed by prediluted HRP Polymer for Rabbit/Mouse IgG. Counter stained with Hematoxylin.

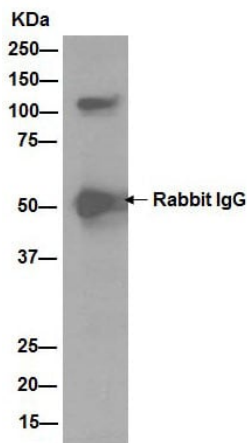
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CENPC antibody [EPR15939] (ab193666)



Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed K562 cells labeling CENPC with ab193666 at 1/400 dilution (red) compared with a rabbit monoclonal IgG isotype control (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat anti rabbit IgG (FITC) at 1/150 dilution was used as the secondary antibody.

Flow Cytometry (Intracellular) - Anti-CENPC antibody [EPR15939] (ab193666)



Western blot analysis of CENPC immunoprecipitated from Jurkat cell lysate using ab193666 at 1/100 dilution.

Secondary antibody: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution.

Blocking/Dilution buffer: 5% NFDm/TBST.

Immunoprecipitation - Anti-CENPC antibody
[EPR15939] (ab193666)

Why choose a recombinant antibody?



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Confirmed specificity



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Anti-CENPC antibody [EPR15939] (ab193666)

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