

### Anti-CDC7 antibody [EPR20337] ab229187

リコンビナント RabMAb

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

#### 製品の概要

製品名	Anti-CDC7 antibody [EPR20337]
製品の詳細	Rabbit monoclonal [EPR20337] to CDC7
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P, IP
種交差性	<b>交差種:</b> 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: HeLa, MCF7 and Jurkat whole cell lysate; WI-38 cells serum deprived, then incubated with 10% FBS, whole cell lysate. IHC-P: Human breast cancer tissue; human, rat and mouse testis tissue. IP: HeLa 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"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</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: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol, 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	EPR20337



Developed using the ECL technique.

**Predicted band size:** 64 kDa

**Observed band size:** 64 kDa

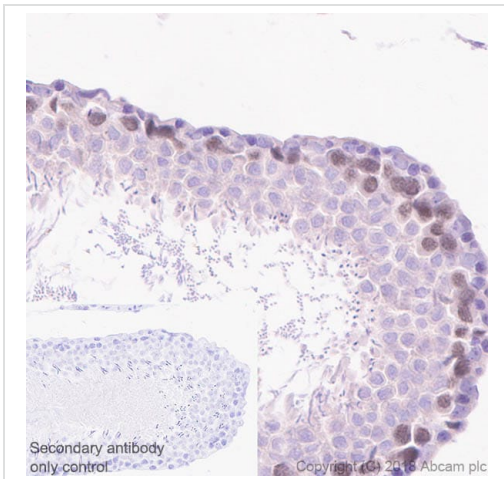
**Blocking/Dilution buffer:** 5%NFDM/TBST.

**Exposure times:**

**Lanes 1-2:** 3 minutes

**Lane 3:** 32 seconds

Lane 3 was developed on a BIO-RAD® ChemiDoc™ MP instrument.

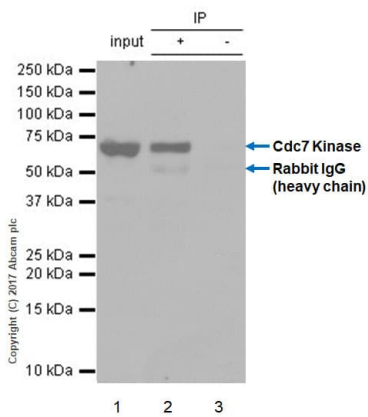


Immunohistochemical analysis of paraffin-embedded rat testis tissue labeling CDC7 with ab229187 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Nuclear staining in germ cells of rat testis is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDC7 antibody [EPR20337] (ab229187)



Immunoprecipitation - Anti-CDC7 antibody  
[EPR20337] (ab229187)

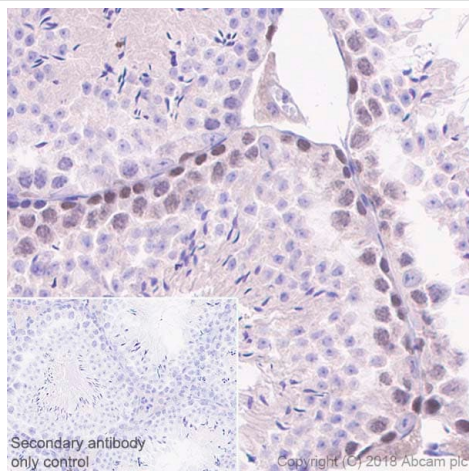
CDC7 was immunoprecipitated from 0.35 mg HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysate with ab229187 at 1/30 dilution. Western blot was performed from the immunoprecipitate using ab229187 at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/10000 dilution.

**Lane 1:** HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysate 10 µg (Input).

**Lane 2:** ab229187 IP in HeLa whole cell lysate (+).

**Lane 3:** Rabbit monoclonal IgG ([ab172730](#)) instead of ab229187 in HeLa whole cell lysate (-).

Blocking and dilution buffer and concentration: 5% NFDm/TBST.  
Exposure time: 10 seconds.

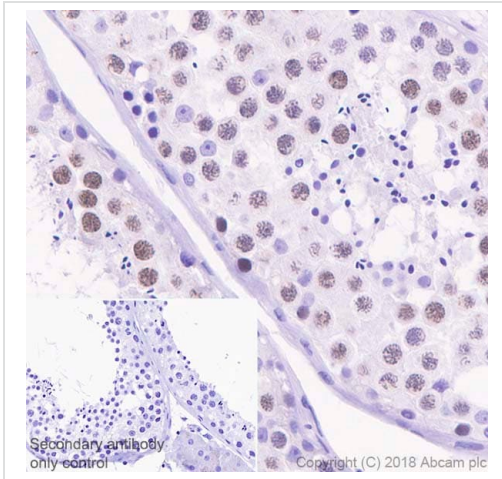


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDC7 antibody  
[EPR20337] (ab229187)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue labeling CDC7 with ab229187 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Nuclear staining in germ cells of mouse testis (PMID: 9722556) is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

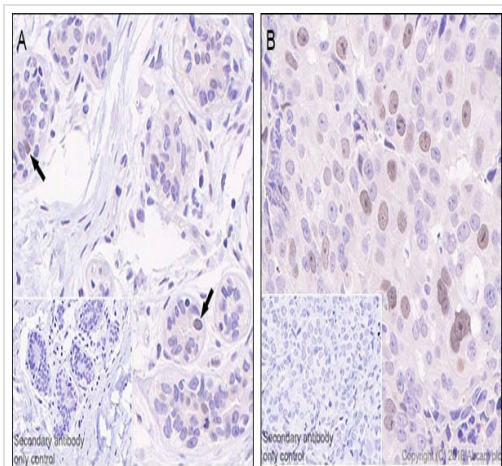


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDC7 antibody [EPR20337] (ab229187)

Immunohistochemical analysis of paraffin-embedded human testis tissue labeling CDC7 with ab229187 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Nuclear staining in germ cells of human testis (PMID: 9250678) is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

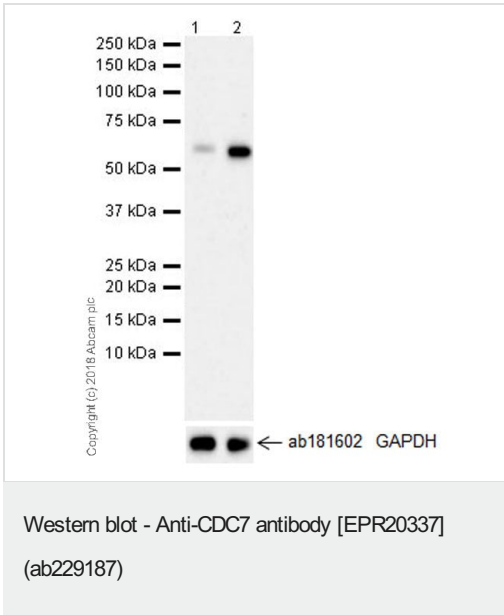


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CDC7 antibody [EPR20337] (ab229187)

Immunohistochemical analysis of paraffin-embedded human normal breast tissue (panel A) and human breast cancer tissue (panel B) labeling CDC7 with ab229187 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Weak nuclear Cdc7 expression (arrow) found in human breast epithelial cells while strong nuclear Cdc7 expression found in human breast cancer cells (PMID: 19896697) is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).



**All lanes :** Anti-CDC7 antibody [EPR20337] (ab229187) at 1/1000 dilution

**Lane 1 :** WI-38 (human fetal lung fibroblast) serum deprived (0.1% FBS) for 72 hours, whole cell lysate

**Lane 2 :** WI-38 serum deprived (0.1% FBS) for 72 hours, then added 10% FBS for 18 hours, whole cell lysate

Lysates/proteins at 10 µg per lane.

**Secondary**

**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Developed using the ECL technique.

**Predicted band size:** 64 kDa

**Observed band size:** 64 kDa

**Exposure time:** 3 minutes

**Blocking/Dilution buffer:** 5% NFDM/TBST.

The blot was developed on a BIO-RAD® ChemiDoc™ MP instrument (PMID: 19318489).

Why choose a recombinant antibody?

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

Anti-CDC7 antibody [EPR20337] (ab229187)

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

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