


## Product datasheet

# Anti-ZCCHC4 antibody [EPR20492] $\alpha$ b211325

**KO VALIDATED** Recombinant RabMAB

4 Images

### Overview

<b>Product name</b>	Anti-ZCCHC4 antibody [EPR20492]
<b>Description</b>	Rabbit monoclonal [EPR20492] to ZCCHC4
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, Flow Cyt, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Non human primates 
<b>Immunogen</b>	<b>This product was produced with the following immunogens:</b> Synthetic peptide within Human ZCCHC4 aa 200-300 (Cysteine residue). The exact sequence is proprietary. (Co-immunization performed with both peptides, clone obtained by screening with peptide 2). Database link: <a href="#">Q9H5U6</a>  Synthetic peptide within Human ZCCHC4 aa 300-400 (Cysteine residue). The exact sequence is proprietary. (Co-immunization performed with both peptides, clone obtained by screening with peptide 2). Database link: <a href="#">Q9H5U6</a>
<b>Positive control</b>	WB: Wild type HeLa whole cell lysate. Flow Cyt: HeLa and HepG2 cells. IP: HeLa whole cell lysate.
<b>General notes</b>	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> .  This product is a <a href="#">recombinant rabbit monoclonal antibody</a> .

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol, PBS
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR20492
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab211325** in the following tested applications.

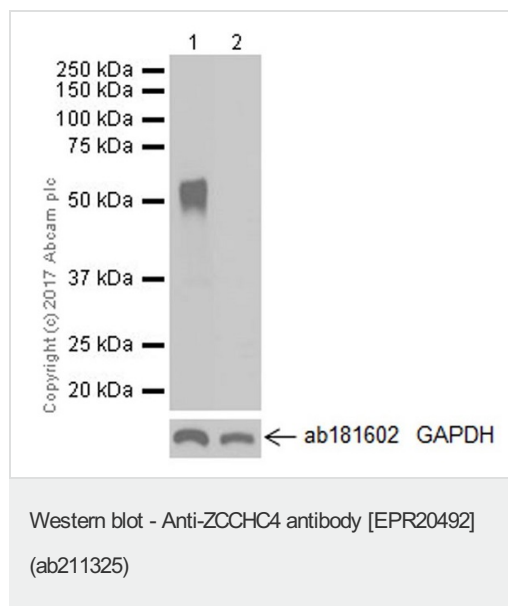
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 59 kDa (predicted molecular weight: 59 kDa). This antibody works best on a semi-dry nitrocellulose membrane transfer system.
Flow Cyt		1/100.
IP		1/50.

## Target

<b>Function</b>	May be a methyltransferase.
<b>Sequence similarities</b>	Contains 1 CCHC-type zinc finger. Contains 1 DHHC-type zinc finger.

## Images



**All lanes :** Anti-ZCCHC4 antibody [EPR20492] (ab211325) at 1/1000 dilution

**Lane 1 :** Wild type HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

**Lane 2 :** ZCCHC4 knockout HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Lysates/proteins at 20 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:** 59 kDa

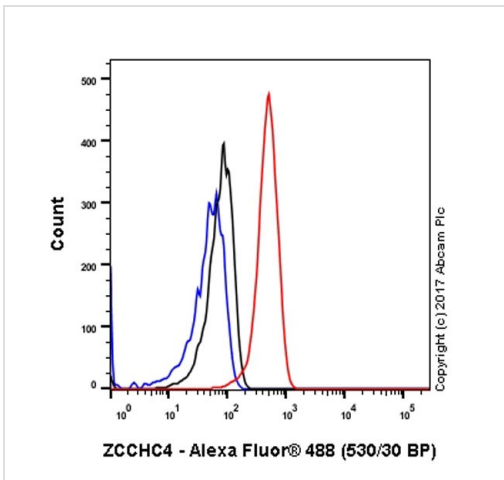
**Observed band size:** 59 kDa

**Exposure time:** 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

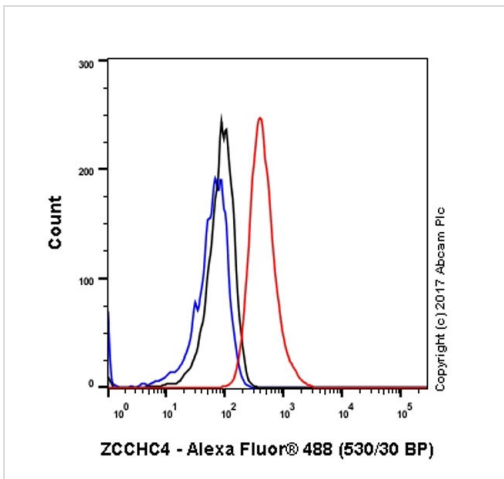
This antibody works best on a semi-dry nitrocellulose membrane transfer system.

These lysates were kindly provided by Prof Chuan He; University of Chicago.



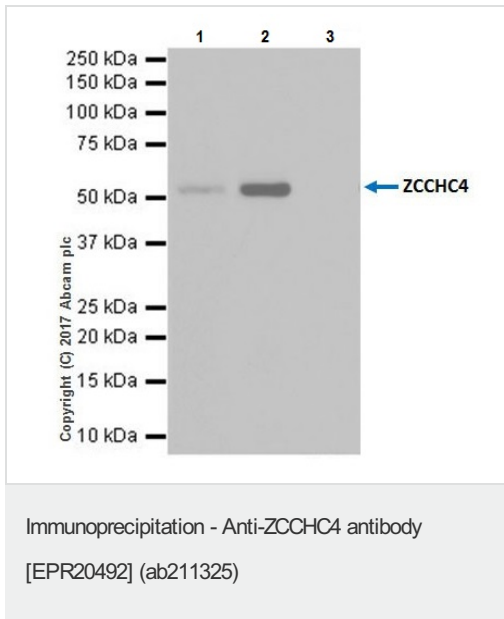
Flow Cytometry - Anti-ZCCHC4 antibody  
[EPR20492] (ab211325)

Flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol permeabilized HeLa (human epithelial cell line from cervix adenocarcinoma) cell line labeling ZCCHC4 with ab211325 at 1/100 dilution (red) compared with a Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730) (black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-Rabbit IgG H&L (Alexa Fluor<sup>®</sup> 488) (ab150077) at 1/2000 dilution was used as the secondary antibody.



Flow Cytometry - Anti-ZCCHC4 antibody  
[EPR20492] (ab211325)

Flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol permeabilized HepG2 (human liver hepatocellular carcinoma cell line) cell line labeling ZCCHC4 with ab211325 at 1/100 dilution (red) compared with a Rabbit IgG, monoclonal [EPR25A] - Isotype Control (ab172730) (black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-Rabbit IgG H&L (Alexa Fluor<sup>®</sup> 488) (ab150077) at 1/2000 dilution was used as the secondary antibody.



ZCCHC4 was immunoprecipitated from 0.35 mg of HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate with ab211325 at 1/50 dilution. Western blot was performed from the immunoprecipitate using ab211325 at 1/1,000 dilution. VeriBlot for IP Detection Reagent (HRP) (ab131366), was used for detection at 1/10,000 dilution.

Lane 1: HeLa whole cell lysate 10 µg (Input).

Lane 2: ab211325 IP in HeLa whole cell lysate.

Lane 3: Rabbit monoclonal IgG (ab172730) instead of ab211325 in HeLa whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDm/TBST.

Exposure time: 30 seconds.

This antibody works best on a semi-dry nitrocellulose membrane transfer system.

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

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