

# Anti-CDC42EP1 antibody [EPR10129(B)] - BSA and Azide free ab249060

Recombinant RabMAb

2 Images

### Overview

Product name	Anti-CDC42EP1 antibody [EPR10129(B)] - BSA and Azide free
Description	Rabbit monoclonal [EPR10129(B)] to CDC42EP1 - BSA and Azide free
Host species	Rabbit
Tested applications	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
Species reactivity	<b>Reacts with:</b> Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab249060 is the carrier-free version of <a href="#">ab151747</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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>

## Properties

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Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Affinity purified
Clonality	Monoclonal
Clone number	EPR10129(B)
Isotype	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab249060 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		Use at an assay dependent concentration. Predicted molecular weight: 40 kDa.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

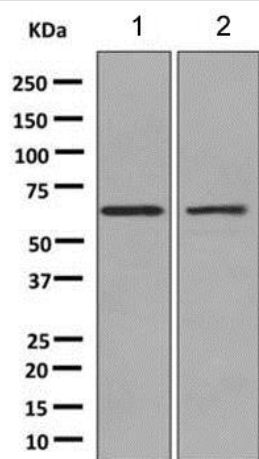
## Target

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Function	Probably involved in the organization of the actin cytoskeleton. Induced membrane extensions in fibroblasts.
Tissue specificity	Endothelial and bone marrow stromal cells.
Sequence similarities	Belongs to the BORG/CEP family. Contains 1 CRIB domain.
Domain	The CRIB domain mediates interaction with CDC42.
Cellular localization	Endomembrane system. Cytoplasm > cytoskeleton.

## Images

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Western blot - Anti-CDC42EP1 antibody  
[EPR10129(B)] - BSA and Azide free (ab249060)

**All lanes :** Anti-CDC42EP1 antibody [EPR10129(B)] ([ab151747](#))  
at 1/1000 dilution

**Lane 1 :** ECV304 cell lysate

**Lane 2 :** HUVEC cell lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 40 kDa

This data was developed using [ab151747](#), the same antibody clone in a different buffer formulation.

#### 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-CDC42EP1 antibody [EPR10129(B)] - BSA and Azide free (ab249060)

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

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