

Product datasheet

Anti-ZMYND8 antibody [EPR16924] ab201452

Recombinant RabMAb

[7 Images](#)

Overview

Product name	Anti-ZMYND8 antibody [EPR16924]
Description	Rabbit monoclonal [EPR16924] to ZMYND8
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF, Flow Cyt (Intra)
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: HEK293, Jurkat cell lysate; Human fetal kidney lysate; IHC-P: Human pancreas, cervix carcinoma and cerebral cortex tissues;IF/Flow Cyt (intra): HEK293 cells.
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: PBS, 0.05% BSA, 40% Glycerol (glycerin, glycerine)
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR16924
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab201452 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 132 kDa (predicted molecular weight: 132 kDa).
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
ICC/IF		1/500.
Flow Cyt (Intra)		1/150.

Target

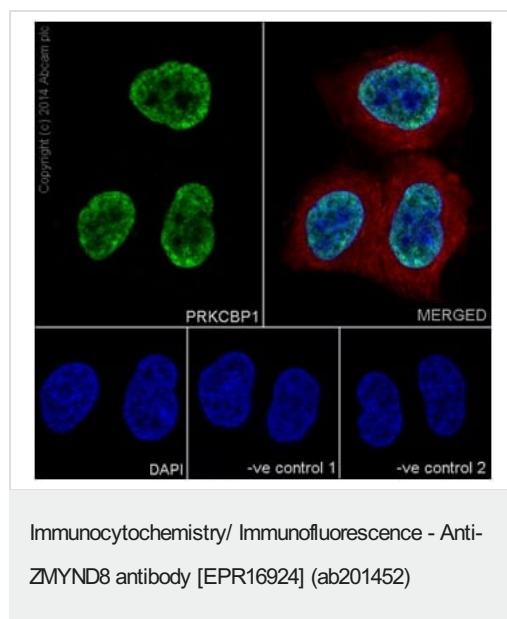
Relevance

PRKCBP1 (protein kinase C binding protein 1) is a receptor for activated C-kinase (RACK) protein. It has been shown to bind in vitro to activated protein kinase C beta I and is also a cutaneous T-cell lymphoma-associated antigen. PRKCBP1 contains a bromodomain and two zinc fingers, and is thought to be a transcriptional regulator. Multiple transcript variants encoding several different isoforms have been found for this gene.

Cellular localization

Nuclear

Images



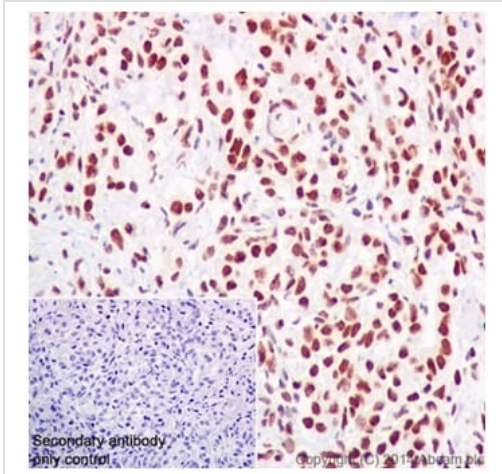
Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HEK293 (Human epithelial cells from embryonic kidney) cells labeling ZMYND8 with ab201452 at 1/500 dilution, followed by Goat anti-rabbit IgG (Alexa Fluor® 488) ([ab150077](#)) secondary antibody at 1/500 dilution (green).

Confocal image showing nuclear staining on HEK293 cell line.

The nuclear counter stain is DAPI (blue). Tubulin is detected with [ab7291](#) (anti-Tubulin mouse mAb) at 1/1000 dilution and [ab150120](#) (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution (red).

The negative controls are as follows:

1. ab201452 at 1/500 dilution followed by [ab150120](#) (AlexaFluor®594 Goat anti-Mouse secondary) at 1/500 dilution.
2. [ab7291](#) (anti-Tubulin mouse mAb) at 1/1000 dilution followed by [ab150077](#) (Alexa Fluor®488 Goat Anti-Rabbit IgG H&L) at 1/500 dilution.

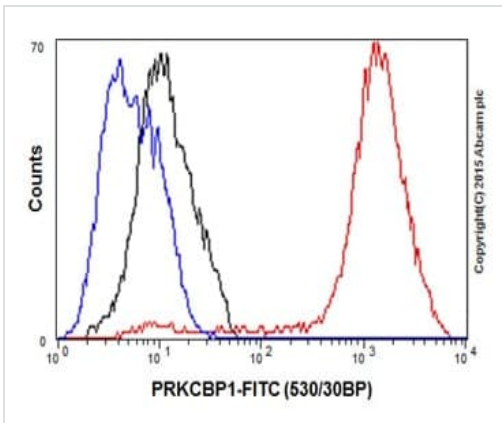


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ZMYND8 antibody [EPR16924] (ab201452)

Immunohistochemical analysis of paraffin-embedded Human pancreas tissue labeling ZMYND8 using ab201452 at 1/500 dilution. A Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) was used as secondary at 1/500 dilution. Counterstain: Hematoxylin. Inset image: negative control obtained using PBS instead of ab201452, and secondary antibody.

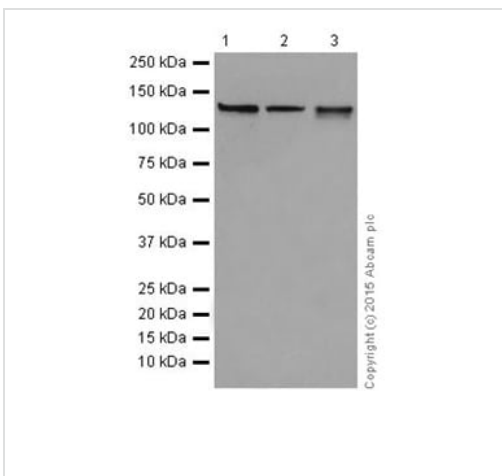
Note: Nuclear staining on Human pancreas tissue is observed.

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



Flow Cytometry (Intracellular) - Anti-ZMYND8 antibody [EPR16924] (ab201452)

Intracellular Flow Cytometry analysis of HEK293 (Human epithelial cells from embryonic kidney) cells labeling ZMYND8 using ab201452 at 1/150 dilution (Red). A Goat anti rabbit IgG (FITC) at 1/150 dilution was used as secondary antibody. Cells were fixed with 2% paraformaldehyde. Cells without incubation with primary antibody and secondary antibody (Blue). Rabbit monoclonal IgG was used as isotype control (Black).



Western blot - Anti-ZMYND8 antibody [EPR16924] (ab201452)

All lanes : Anti-ZMYND8 antibody [EPR16924] (ab201452) at 1/1000 dilution

Lane 1 : HEK293 (Human epithelial cells from embryonic kidney) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia cells from peripheral blood) whole cell lysate

Lane 3 : Human fetal kidney lysate

Lysates/proteins at 20 µg per lane.

Secondary

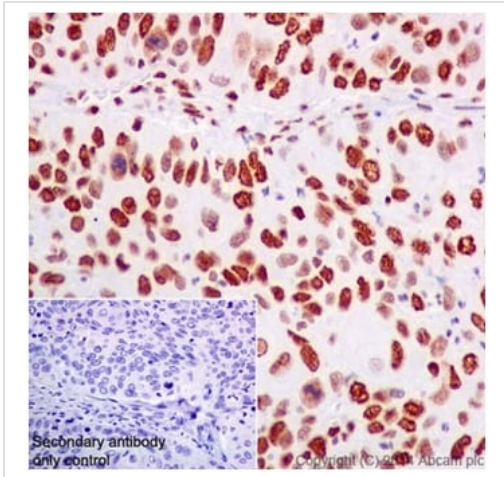
All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 132 kDa

Observed band size: 132 kDa

Exposure time: 3 minutes

5% NFD/MTBST: Blocking and diluting buffer.



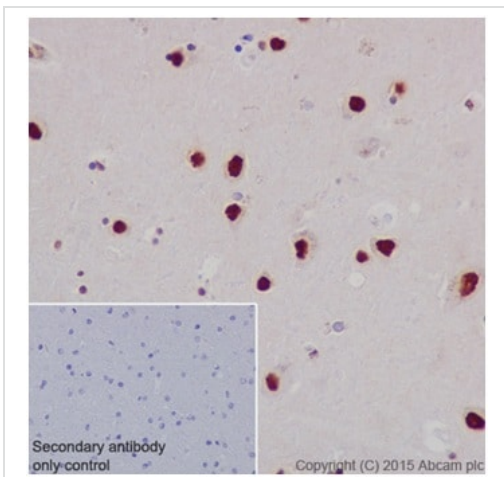
Immunohistochemical analysis of paraffin-embedded human cervix carcinoma tissue labeling ZMYND8 using ab201452 at 1/500 dilution. A Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) was used as secondary at 1/500 dilution. Counterstain: Hematoxylin.

Inset image: Negative control obtained using PBS instead of ab201452, and secondary antibody.

Note: Nuclear staining on human cervix carcinoma tissue is observed.

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-ZMYND8 antibody [EPR16924] (ab201452)



Immunohistochemical analysis of paraffin-embedded Human cerebral cortex tissue labeling ZMYND8 using ab201452 at 1/500 dilution. A Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) was used as secondary at 1/500 dilution. Counterstain: Hematoxylin.

Inset image: negative control obtained using PBS instead of ab201452, and secondary antibody.

Note: Nuclear staining on Human cerebral cortex tissue was observed.

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-ZMYND8 antibody [EPR16924] (ab201452)

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-ZMYND8 antibody [EPR16924] (ab201452)

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

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