

Product datasheet

Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free ab250386

Recombinant RabMAb

10 Images

Overview

Product name	Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free
Description	Rabbit monoclonal [EPR13309] to PCQAP / MED15 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: ICC, Flow Cyt (Intra), WB, IHC-P
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
General notes	<p>ab250386 is the carrier-free version of ab181158.</p> <p>Our carrier-free 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 conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <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[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] 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"> - 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. Do Not Freeze.
Storage buffer	pH: 7.2 Constituent: PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR13309
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab250386 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

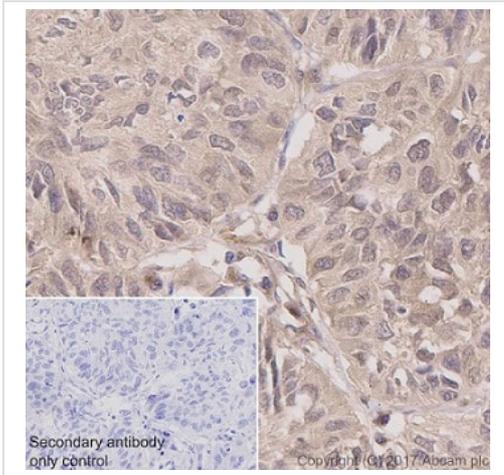
Application	Abreviews	Notes
ICC		Use at an assay dependent concentration.
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 97 kDa (predicted molecular weight: 87 kDa).
IHC-P		Use at an assay dependent concentration. The mouse and rat recommendation is based on the WB results. This antibody may not be suitable for IHC with mouse or rat samples.

Target

Relevance PCQAP / MED15 is a member of the mediator complex that can act as both a positive and negative regulator of transcription. The mediator complex interacts with RNA pol II and its associated proteins, the general transcription factors. Mediator proteins serve as a bridge connecting the activator and basal transcription machinery.

Cellular localization Cytoplasmic and Nuclear

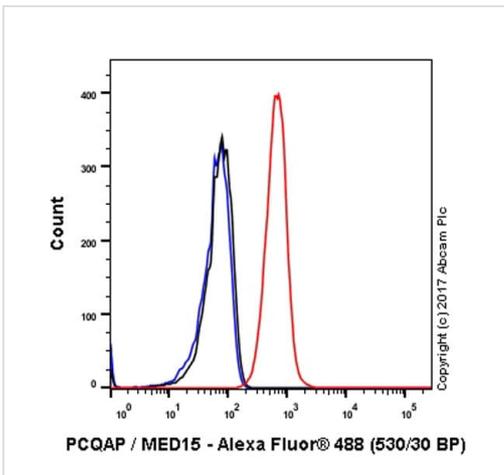
Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation.

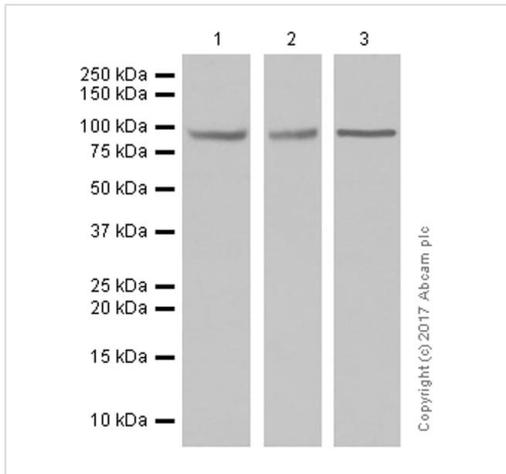
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human lung carcinoma tissue sections labeling PCQAP/MED15 with purified [ab181158](#) at 1:250 dilution (1.28 µg/ml). Heat mediated antigen retrieval was performed using EDTA Buffer, pH9.0. Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



Flow Cytometry (Intracellular) - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation.

Intracellular Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling PCQAP/MED15 with purified [ab181158](#) at 1/30 dilution (10 µg/ml) (red). Cells were fixed with 4% Paraformaldehyde. A Goat anti rabbit IgG (Alexa Fluor® 488) secondary antibody was used at 1/2000 dilution. Isotype control - 90% methanol. Unlabeled control - Rabbit monoclonal IgG (Black). Cell without incubation with primary antibody and secondary antibody (Blue).



Western blot - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

All lanes : Anti-PCQAP / MED15 antibody [EPR13309] ([ab181158](#)) at 1/1000 dilution (purified)

Lane 1 : 293 (Human embryonic kidney epithelial cell) whole cell lysates

Lane 2 : K562 (Human chronic myelogenous leukemia lymphoblast) whole cell lysates

Lane 3 : C6 (Rat glial tumor glial cell) whole cell lysates

Lysates/proteins at 20 µg per lane.

Secondary

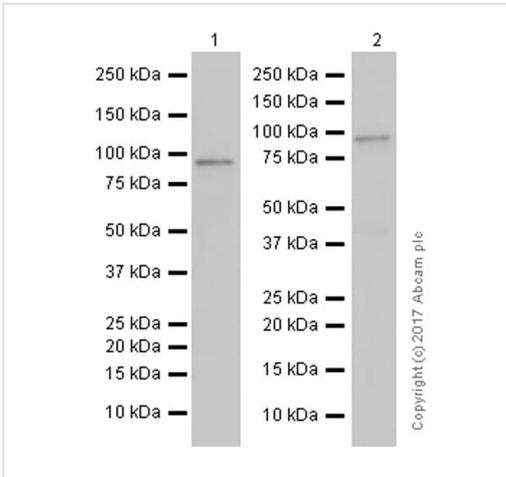
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 87 kDa

Observed band size: 97 kDa

This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Western blot - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

All lanes : Anti-PCQAP / MED15 antibody [EPR13309] ([ab181158](#)) at 1/1000 dilution (purified)

Lane 1 : Mouse placenta lysates

Lane 2 : Mouse spleen lysates

Lysates/proteins at 15 µg per lane.

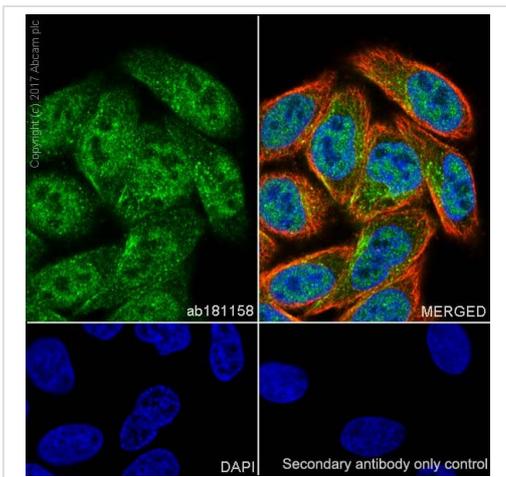
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 87 kDa

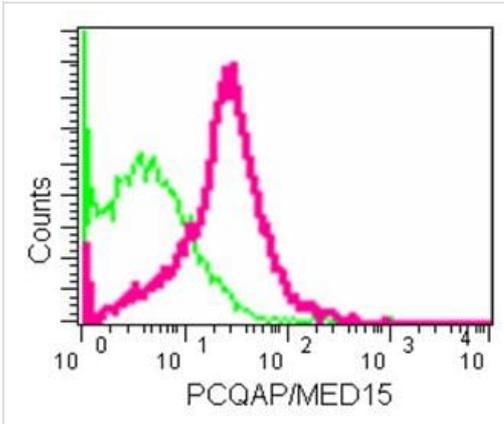
This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDM/TBST.



Immunocytochemistry - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

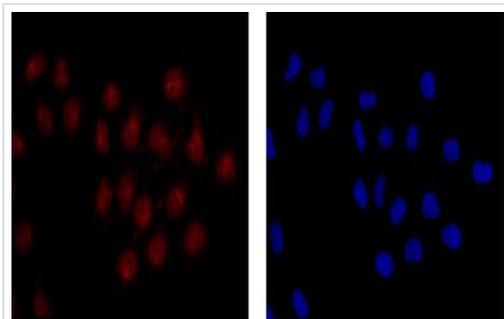
This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation. Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling PCQAP/MED15 with Purified [ab181158](#) at 1:100 dilution (3.2µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). [ab150077](#) Goat anti rabbit IgG(Alexa Fluor® 488) was used as the secondary antibody at 1:1000 dilution. DAPI nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Flow Cytometry (Intracellular) - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

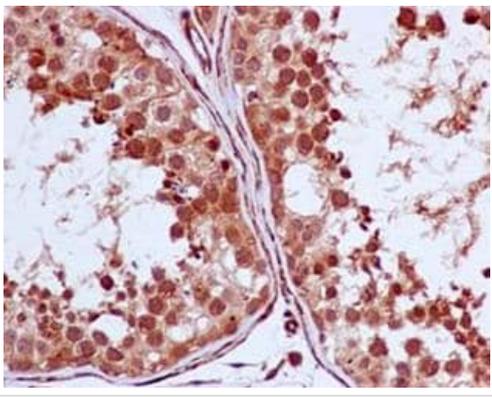
This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation.

Intracellular flow cytometric analysis of 2% paraformaldehyde-fixed 293 cells labeling PCQAP / MED15 with unpurified [ab181158](#) at 1/50 dilution (red), compared to a Rabbit monoclonal IgG isotype control (green), followed by Goat anti rabbit IgG (FITC) secondary at 1/150 dilution.



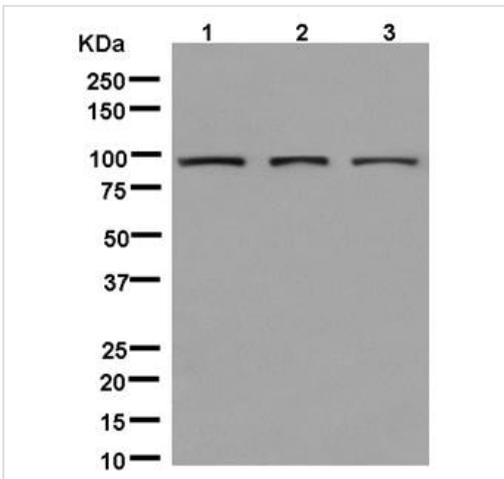
Immunocytochemistry - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation. Immunofluorescent analysis of acetone-fixed HeLa cells labeling PCQAP / MED15 with unpurified [ab181158](#) at 1/100 dilution followed by Goat anti rabbit IgG (Alexa Fluor® 555) secondary antibody at 1/200 dilution. Counter stained with Dapi (blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation. Immunohistochemical analysis of paraffin-embedded Human testis tissue labeling PCQAP / MED15 with unpurified [ab181158](#) at 1/250 dilution followed by prediluted HRP Polymer for Rabbit IgG. Counterstained with Hematoxylin.



Western blot - Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

All lanes : Anti-PCQAP / MED15 antibody [EPR13309] ([ab181158](#)) at 1/1000 dilution (unpurified)

Lane 1 : 293 cell lysate

Lane 2 : K562 cell lysate

Lane 3 : HeLa cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

Predicted band size: 87 kDa

Observed band size: 97 kDa

This data was developed using [ab181158](#), the same antibody clone in a different buffer formulation.

Why choose a recombinant antibody?

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

Anti-PCQAP / MED15 antibody [EPR13309] - BSA and Azide free (ab250386)

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

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