## abcam

## Product datasheet

## Anti－PCQAP／MED15 antibody［EPR13309］ab181158

重组 RabMAb

## 2 References 10 图像

| 概述 |  |
| :--- | :--- |
| 产品名称 | Anti－PCQAP／MED15抗体［EPR13309］ |
| 描述 | 兔单克隆抗体［EPR13309］to PCQAP／MED15 |
| 宿主 | Rabbit |
| 经测试应用 | 适用于：Flow Cyt（Intra），WB，IHC－P，ICC／IF |
| 种属反应性 | 与反应：Mouse，Rat，Human |
| 免疫原 | Synthetic peptide．This information is proprietary to Abcam and／or its suppliers． |
| 阳性对照 | 293, K562 and HeLa whole cell lysate（ab150035）；Human testis tissue；HeLa and 293 cells． |
| 常规说明 | This product is a recombinant monoclonal antibody，which offers several advantages including： |
|  | - －High batch－to－batch consistency and reproducibility |
|  | - Improved sensitivity and specificity |
|  | - Long－term security of supply |
|  | －Animal－free production |
|  | For more information see here． |
|  | Our RabMAb ${ }^{\circledR}$ technology is a patented hybridoma－based technology for making rabbit |
|  | monoclonal antibodies．For details on our patents，please refer to RabMAb ${ }^{\circledR}$ patents． |


| 性能 |  |
| :--- | :--- |
| 形式 | Liquid |
| 存放说明 | Shipped at $4^{\circ} \mathrm{C}$. Store at $+4^{\circ} \mathrm{C}$ short term（1－2 weeks）．Upon delivery aliquot．Store at $-20^{\circ} \mathrm{C}$ long <br> term．Avoid freeze／thaw cycle． <br> 存储溶液 |
|  | Preservative： $0.01 \%$ Sodium azide <br> Constituents： $40 \%$ Glycerol（glycerin，glycerine）， $0.05 \%$ BSA， $59 \%$ PBS <br> 纯度 |
| Protein A purified |  |
| 克隆 | 单克隆 |
| 克隆编号 | EPR13309 |
| 同种型 | lgG |

## 

＂应用说明＂部分下显示的仅为推荐的起始稀释度；实际最佳的稀释度／浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
| :--- | :--- | :--- |
| Flow Cyt（Intra） |  | $1 / 30$. <br> For unpurified use at $1 / 50$. ab172730 - Rabbit monoclonal lgG， <br> is suitable for use as an isotype control with this antibody． |
| WB |  | $1 / 1000-1 / 2000$. Detects a band of approximately 97 kDa <br> （predicted molecular weight： 87 kDa ）． |
| IHC－P |  | $1 / 100-1 / 250$. Perform heat mediated antigen retrieval with <br> Tris／EDTA buffer pH 9.0 before commencing with IHC staining <br> protocol． <br> The mouse and rat recommendation is based on the WB results． <br> This antibody may not be suitable for IHC with mouse or rat <br> samples． |
| ICC／IF |  |  |

靶标

| 相关性 | 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． |  |

图片


Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-PCQAP / MED15 antibody [EPR13309] (ab181158)


Flow Cytometry (Intracellular) - Anti-PCQAP / MED15 antibody [EPR13309] (ab181158)


Western blot - Anti-PCQAP / MED15 antibody [EPR13309] (ab181158)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human lung carcinoma tissue sections labeling PCQAP/MED15 with purified ab181158 at 1:250 dilution $(1.28 \mu \mathrm{~g} / \mathrm{ml})$. 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.

Intracellular Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling PCQAP/MED15 with purified ab181158 at $1 / 30$ dilution ( $10 \mathrm{ug} / \mathrm{ml}$ ) (red). Cells were fixed with 4\% Paraformaldehyde. A Goat anti rabbit lgG (Alexa Fluor ${ }^{\circledR}$ 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).

## 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 $20 \mu \mathrm{~g}$ per lane.

## Secondary

All lanes: Goat Anti-Rabbit lgG H\&L (HRP) (ab97051) at 1/20000 dilution

# Predicted band size: 87 kDa 

Observed band size: 97 kDa

Blocking and diluting buffer: 5\% NFDM/TBST


Western blot - Anti-PCQAP / MED15 antibody [EPR13309] (ab181158)


Immunocytochemistry/ Immunofluorescence - AntiPCQAP / MED15 antibody [EPR13309] (ab181158)

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 $15 \mu \mathrm{~g}$ per lane.

## Secondary

All lanes: Goat Anti-Rabbit lgG H\&L (HRP) (ab97051) at $1 / 20000$ dilution

Predicted band size: 87 kDa

Blocking and diluting buffer: 5\% NFDM/TBST

Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling PCQAP/MED15 with Purified ab181158 at 1:100 dilution $(3.2 \mu \mathrm{~g} / \mathrm{ml})$. 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 ( $2.5 \mu \mathrm{~g} / \mathrm{ml}$ ). ab150077 Goat anti rabbit $\lg G($ 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.



Immunocytochemistry/ Immunofluorescence - AntiPCQAP / MED15 antibody [EPR13309] (ab181158)


Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-PCQAP / MED15 antibody [EPR13309] (ab181158)

Intracellular flow cytometric analysis of 2\% paraformaldehydefixed293 cells labeling PCQAP / MED15 with unpurified ab181158at 1/50 dilution (red), compared to aRabbit monoclonal $\lg G$ isotype control (green), followed by Goat anti rabbit lgG (FITC) secondary at $1 / 150$ dilution.

Immunofluorescent analysis of acetone-fixed HeLa cells labeling PCQAP / MED15 with unpurified ab181158 at 1/100 dilution followed by Goat anti rabbit lgG (Alexa Fluor® 555) secondary antibody at $1 / 200$ diution. Counter stained with Dapi (blue).

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.


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 $20 \mu \mathrm{~g}$ per lane.

## Secondary

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

Predicted band size: 87 kDa
Observed band size: 97 kDa

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