

Anti-CamKII gamma antibody [8G10C1] ab201966

KO 評価済

★★★★★ [1 Abreviews](#) [1 References](#) [画像数 7](#)

製品の概要

製品名	Anti-CamKII gamma antibody [8G10C1]
製品の詳細	Mouse monoclonal [8G10C1] to CamKII gamma
由来種	Mouse
アプリケーション	適用あり: IHC-P, WB, Flow Cyt
種交差性	交差種: Rat, Human
免疫原	Recombinant fragment corresponding to Human CamKII gamma aa 300-500. Expressed in <i>E. Coli</i> . Database link: Q13555-1 Run BLAST with Run BLAST with
ポジティブ・コントロール	IHC-P: Human prostate cancer and bladder cancer tissues. ICC/IF: Jurkat cells. WB: PC12, Jurkat, T47D, HeLa and HepG2 cell lysates; Human recombinant CamKII gamma (aa322-481) protein; Human recombinant CamKII gamma (aa322-481)-hlgGfc transfected HEK293 cell lysate.
特記事項	<p>This product was changed from ascites to supernatant. Lot no's high than GR280299-5 are from Tissue Culture Supernatant</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.05% Sodium azide Constituent: 99% PBS

精製度	Protein G purified
特記事項(精製)	Purified from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	8G10C1
アイソタイプ	IgG1

アプリケーション

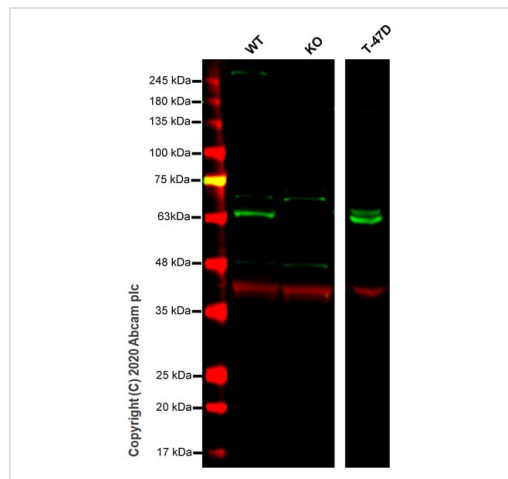
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab201966の使用に適用されず
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IHC-P		1/200 - 1/1000.
WB	★☆☆☆☆ (1)	1/500 - 1/2000. Predicted molecular weight: 63 kDa.
Flow Cyt		1/200 - 1/400. <u>ab170190</u> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

ターゲット情報

細胞内局在 Cell Membrane

画像



Western blot - Anti-CamKII gamma antibody [8G10C1] (ab201966)

All lanes : Anti-CamKII gamma antibody [8G10C1] (ab201966) at 1/500 dilution

Lane 1 : Wild-type HeLa cell lysate

Lane 2 : CAMK2G knockout HeLa cell lysate

Lane 3 : T-47D cell lysate

Lysates/proteins at 20 µg per lane.

Performed under reducing conditions.

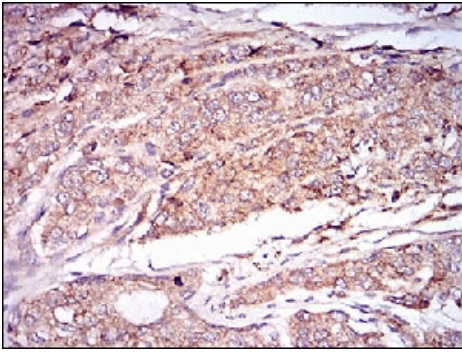
Predicted band size: 63 kDa

Observed band size: 63 kDa

Lanes 1-3: Merged signal (red and green). Green - ab201966

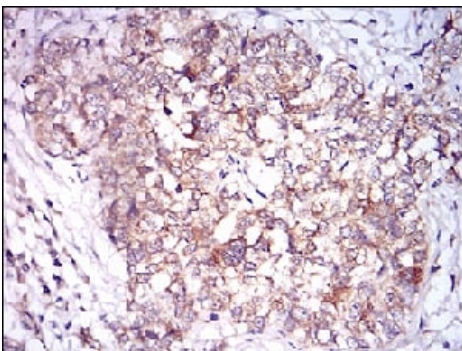
observed at 63 kDa. Red - loading control, **ab181602** observed at 37 kDa.

ab201966 Anti-CamKII gamma antibody [8G10C1] was shown to specifically react with CamKII gamma in wild-type HeLa cells. Loss of signal was observed when knockout cell line **ab264712** (knockout cell lysate **ab258340**) was used. Wild-type and CamKII gamma knockout samples were subjected to SDS-PAGE. ab201966 and Anti-GAPDH antibody [EPR16891] - Loading Control (**ab181602**) were incubated overnight at 4°C at 1 in 500 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Mouse IgG H&L (IRDye® 800CW) preadsorbed (**ab216772**) and Goat anti-Rabbit IgG H&L (IRDye® 680RD) preadsorbed (**ab216777**) secondary antibodies at 1 in 10000 dilution for 1 hour at room temperature before imaging.



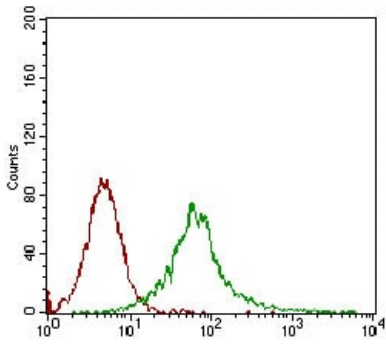
Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue labeling CamKII gamma with ab201966 at 1/200 dilution followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CamKII gamma antibody [8G10C1] (ab201966)



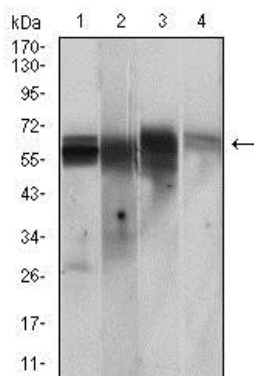
Immunohistochemical analysis of paraffin-embedded human bladder cancer tissue labeling CamKII gamma with ab201966 at 1/200 dilution followed by DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CamKII gamma antibody [8G10C1] (ab201966)



Flow Cytometry - Anti-CamKII gamma antibody [8G10C1] (ab201966)

Flow cytometric analysis of Jurkat cells labeling CamKII gamma with ab201966 at 1/200 dilution (green). Negative control (red).



Western blot - Anti-CamKII gamma antibody [8G10C1] (ab201966)

All lanes : Anti-CamKII gamma antibody [8G10C1] (ab201966) at 1/500 dilution

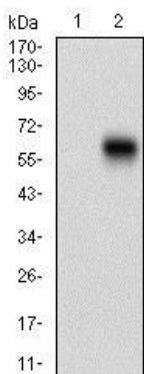
Lane 1 : PC12 cell lysate

Lane 2 : Jurkat cell lysate

Lane 3 : T47D cell lysate

Lane 4 : HepG2 cell lysate

Predicted band size: 63 kDa



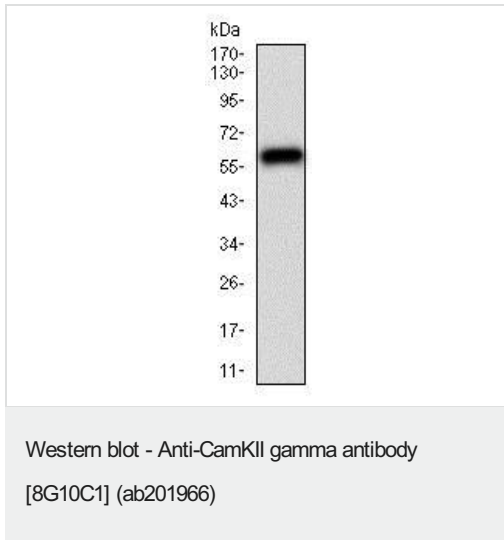
Western blot - Anti-CamKII gamma antibody [8G10C1] (ab201966)

All lanes : Anti-CamKII gamma antibody [8G10C1] (ab201966) at 1/500 dilution

Lane 1 : HEK293 cell lysate

Lane 2 : Human recombinant CamKII gamma (aa322-481)-hlgFc transfected HEK293 cell lysate

Predicted band size: 63 kDa



Anti-CamKII gamma antibody [8G10C1] (ab201966) at 1/500 dilution + Human recombinant CamKII gamma (aa322-481) protein

Predicted band size: 63 kDa

(Expected MW is 44 kDa)

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