

## Product datasheet

# CAMKIV overexpression 293T lysate (whole cell) ab94283

### 画像数 2

#### 製品の概要

製品名	CAMKIV overexpression 293T lysate (whole cell)
製品の詳細	CAMKIV overexpression lysate
特記事項	ab94283 is a 293T cell transfected lysate in which Human CAMKIV has been transiently over-expressed using a pCMV-CAMKIV plasmid. The lysate is provided in 1X Sample Buffer. <b>Note:</b> For more details about how the transfected lysate was prepared <a href="#">view preparation notes</a>
アプリケーション	適用あり: WB

#### 法規制情報

医薬用外劇物

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 6.80 Constituent: 100% 1x Sample Buffer
精製度	Whole Cell Lysate
背景	Function: Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. May be involved in transcriptional regulation. May be involved in regulation of microtubule dynamics. In vitro, phosphorylates CREB1, CREBBP, PRM2, MEF2A, MEF2D and STMN1/OP18. May be involved in spermatogenesis. May play a role in the consolidation/retention of hippocampus-dependent long-term memory. Tissue specificity: Expressed in epithelial ovarian cancer tissue. Similarity: Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain. PTM: Autophosphorylated and phosphorylated by CAMKK1 and CAMKK2 (By similarity). Dephosphorylated by serine/threonine protein phosphatase 2A, probably on Thr-200.

#### アプリケーション

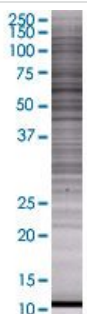
Our [Abpromise guarantee](#) covers the use of **ab94283** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

WB

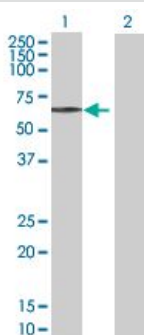
Use at an assay dependent dilution.

## 画像



SDS-PAGE - CAMKIV 293T Transfected Lysate -  
(positive control) (ab94283)

ab94283 at 15 $\mu$ g/lane on an SDS-PAGE gel.



Western blot - CAMKIV 293T Transfected Lysate -  
(positive control) (ab94283)

**All lanes** : Anti-CAMKIV antibody (ab88544)  
at 1/500 dilution

**Lane 1** : CAMKIV overexpression 293T lysate  
(whole cell) (ab94283)

**Lane 2** : 293T Non Transfected Lysate

Lysates/proteins at 25  $\mu$ g per lane.

**Secondary**

Goat Anti-mouse IgG (H and L) HRP  
conjugated at 1/2500 dilution

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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