

Nur für Forschungszwecke

# CCAR2 Monoklonaler Antikörper

Katalog-Nr.:66497-1-Ig

Vorgestelltes Produkt



## Allgemeine Informationen

**Katalog-Nr.:**

66497-1-Ig

**Größe:**

150ul , Konzentration: 1500 µg/ml von57805

Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;

**Wirt:**

Maus

**Isotyp:**

IgG2a

**Immunogen Katalognummer:**

AG18374

**GenBank-Zugangsnummer:**

BC018269

**GeneID (NCBI):**

57805

**Vollständiger Name:**

KIAA1967

**Berechnete Masse:**

923 aa, 103 kDa

**Beobachtete Masse:**

130 kDa

**Reinigungsmethode:**

Protein-A-Reinigung

**CloneNo.:**

2D10F8

**Empfohlene Verdünnungen:**

WB 1:2000-1:16000

IHC 1:250-1:1000

IF 1:50-1:500

## Anwendungen

**Geprüfte Anwendungen:**

FC, IF, IHC, WB, ELISA

**Getestete Reaktivität:**

Hausschwein, Human

**Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

**Positivkontrollen:**

**WB** : HeLa-Zellen, Hausschwein-Hirngewebe, HEK-293-Zellen, Jurkat-Zellen, MCF-7-Zellen

**IHC** : humanes Zervixkarzinomgewebe, humanes Kolongewebe, humanes Kolonkarzinomgewebe, humanes Lungenkarzinomgewebe

**IF** : HeLa-Zellen,

## Hintergrundinformationen

Cell cycle and apoptosis regulator protein 2 (CCAR2), previously known as DBC1/KIAA1967, regulates diverse cellular functions including transcription, mRNA splicing, metabolism, and circadian cycle. CCAR2 is a critical regulator of cell death or survival following cellular stresses. CCAR2 is a widely expressed protein involved in the regulation of a variety of transcriptional complexes. High expression of CCAR2 correlates with poor outcomes in many human tumor types such as squamous cell carcinoma (SCC).

## Lagerung

**Lagerungsbedingungen:**

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

**Lagerungspuffer:**

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

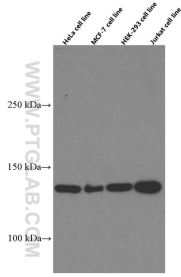
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

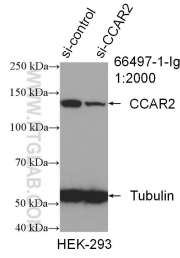
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

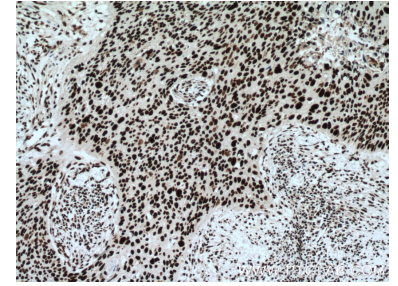
## Ausgewählte Validierungsdaten



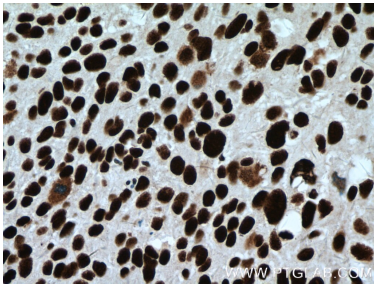
Various lysates were subjected to SDS PAGE followed by western blot with 66497-1-Ig (CCAR2 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



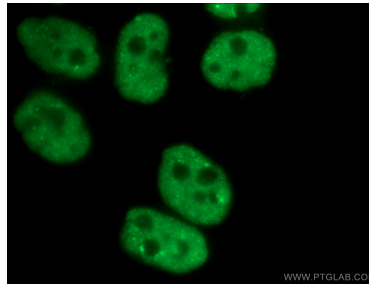
WB result of CCAR2 antibody (66497-1-Ig; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CCAR2 transfected HEK-293 cells.



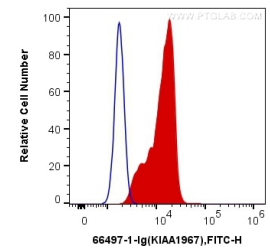
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66497-1-Ig (CCAR2 antibody) at dilution of 1:500 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 66497-1-Ig (CCAR2 antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 66497-1-Ig (CCAR2 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



$1 \times 10^6$  U2OS cells were intracellularly stained with 0.2 ug Anti-Human CCAR2 (66497-1-Ig, Clone:2D10F8) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).