

For Research Use Only

# CoraLite® Plus 488-conjugated CCAR1 Recombinant antibody

Catalog Number: CL488-83936-4



## Basic Information

Catalog Number:

CL488-83936-4

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18786

GenBank Accession Number:

BC132725

GeneID (NCBI):

55749

UNIPROT ID:

Q8IX12

Full Name:

cell division cycle and apoptosis regulator 1

Calculated MW:

1150 aa, 133 kDa

Observed MW:

150 kDa

Purification Method:

Protein A purification

CloneNo.:

240980C12

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : A431 cells,

## Background Information

Cell cycle and apoptosis regulator 1 (CCAR1) was originally identified from a functional screening and implicated in retinoid-induced cell cycle arrest and apoptosis. It has been shown that, in breast cancer cells, CCAR1 regulates apoptosis induced by various agents, including chemotherapeutics adriamycin, etoposide, and EGFR inhibitor. It is also involved in mediating anchorage-independent growth of colon carcinoma cells. In addition, CCAR1 plays the role as a co-activator of nuclear receptors to recruit mediator complex. It was found to associate with components of the Mediator and p160 coactivator complexes and is recruited to endogenous NR target genes. CCAR1 is also a binding partner of b-catenin and assists b-catenin in transcriptional activation of Wnt target genes.

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

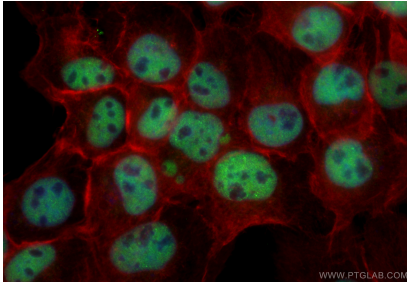
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 CCAR1 antibody (CL488-83936-4, Clone: 240980C12 ) at dilution of 1:200, CL594-Phalloidin (red).