

For Research Use Only

# CoraLite® Plus 488-conjugated CYP4F11 Polyclonal antibody



Catalog Number: CL488-12286

Featured Product

## Basic Information

Catalog Number:

CL488-12286

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2906

GenBank Accession Number:

BC016853

GeneID (NCBI):

57834

UNIPROT ID:

Q9HBI6

Full Name:

cytochrome P450, family 4, subfamily

F, polypeptide 11

Calculated MW:

524 aa, 60 kDa

Observed MW:

57 kDa

Purification Method:

Antigen affinity purification

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 : A549 cells,

## Background Information

CYP4F11, also named as CYP11B1, belongs to the cytochrome P450 family. It is the lone CYP4F/A enzyme that effectively oxidized 3-hydroxypalmitate. It is the predominant catalyst of this fatty acid oxidation reaction in human liver. CYP4F11 is one of the primary human epidermal keratinocytes. It is positively regulated by multiple signaling pathways in HaCaT keratinocytes, including RXR and JNK signaling pathways. (PMID:19812349)

## 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:

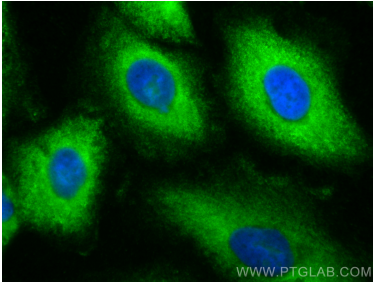
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A549 cells using CoralLite® Plus 488 CYP4F11 antibody (CL488-12286) at dilution of 1:200.