

For Research Use Only

# CoraLite® Plus 488-conjugated Securin Recombinant antibody

Catalog Number: CL488-83981-4



## Basic Information

Catalog Number:

CL488-83981-4

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12670

GenBank Accession Number:

BC101834

GeneID (NCBI):

9232

UNIPROT ID:

O95997

Full Name:

pituitary tumor-transforming 1

Calculated MW:

202 aa, 22 kDa

Purification Method:

Protein A purification

CloneNo.:

241090G10

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 : HepG2 cells,

## Background Information

Securin, also known as the pituitary tumor transforming gene (PTTG1), was first isolated from rat pituitary tumor cells. Securin is a multi-functional protein that regulates sister chromatid segregation in mitosis, DNA repair, gene transcription, metabolism, and organ development. Securin is normally expressed in tissues with high proliferative activity, including the spleen, thymus gland, and testis, whereas it is rarely expressed in differentiated mature tissues (PMID: 22563433, PMID: 36123907). The calculated molecular weight of Securin is 22 kDa. With post-translational modification, the molecular weight of Securin will be migrated to 28 kDa.

## 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:

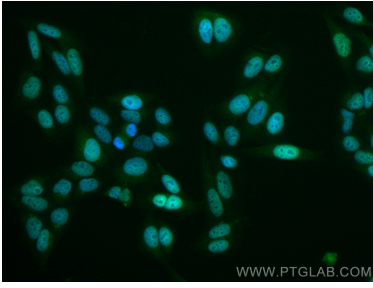
T: 4006900926

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 (4% PFA) fixed HepG2 cells using CoraLite® Plus 488 Securin antibody (CL488-83981-4, Clone: 241090G10) at dilution of 1:200.