

For Research Use Only

# CoraLite® Plus 488-conjugated Securin Recombinant antibody

Catalog Number: CL488-83981-4



## Basic Information

<b>Catalog Number:</b> CL488-83981-4	<b>GenBank Accession Number:</b> BC101834	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9232	<b>CloneNo.:</b> 241090G10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O95997	<b>Recommended Dilutions:</b> IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>Full Name:</b> pituitary tumor-transforming 1	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG12670	<b>Calculated MW:</b> 202 aa, 22 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF/ICC : HepG2 cells,
<b>Species Specificity:</b> human	

## 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 chromatin 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.

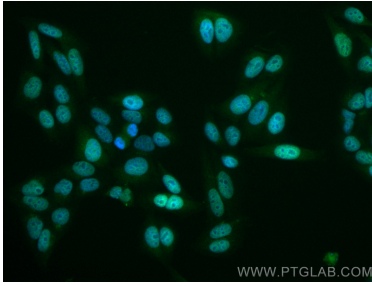
## Storage

**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:  
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E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## 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.