

For Research Use Only

CoraLite® Plus 488-conjugated Securin Recombinant antibody

Catalog Number:CL488-83981-4



Basic Information

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

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: 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 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.

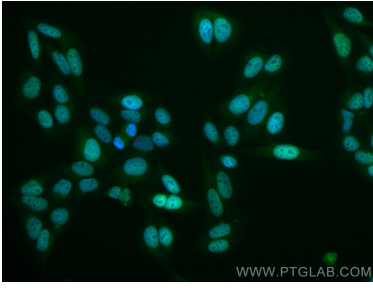
Storage

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: 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.

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.