

For Research Use Only

CoraLite® Plus 488-conjugated Cystatin C Recombinant antibody

Catalog Number:CL488-82441



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-82441	BC013083	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	1471	1120
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P01034	IF-P 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	cystatin C	493 nm / 522 nm
Immunogen Catalog Number:	Calculated MW:	
AG2890	146 aa, 16 kDa	
	Observed MW:	
	13 kDa	

Applications

Tested Applications:	Positive Controls:
IF-P	IF-P : mouse kidney tissue,
Species Specificity:	
Human, mouse	

Background Information

Cystatin C is a 13-kDa inhibitor of cysteine proteinases which is secreted by all cell types and is completely cleared from the organism through glomerular filtration, shown to be an early and sensitive biomarker of renal dysfunction. It is also used as an emerging biomarker in cardiovascular disease. Cystatin C is involved in a variety of inflammatory reactions. The concentration of serum cystatin C has also been shown to be unaltered in certain inflammatory conditions or other disorders of metabolism. The plasma level of serum cystatin C can be expressed as its level of generation from cells and diet and its subsequent elimination through the gut, liver, and kidneys.

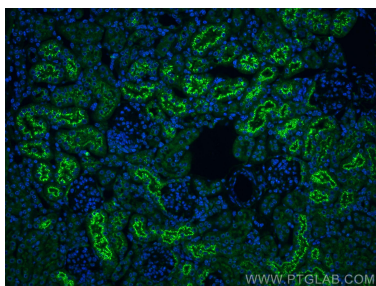
Storage

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

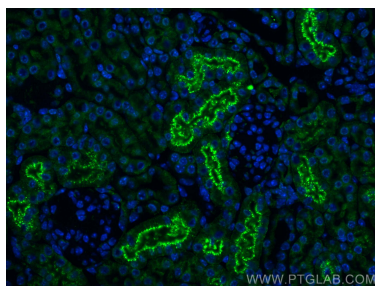
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 paraffin-embedded mouse kidney tissue using CoraLite® Plus 488 Cystatin C antibody (CL488-82441, Clone: 1120) at dilution of 1:200. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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