

For Research Use Only

# CoraLite® Plus 488-conjugated Clusterin Polyclonal antibody

Catalog Number: CL488-12289



## Basic Information

<b>Catalog Number:</b> CL488-12289	<b>GenBank Accession Number:</b> BC010514	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1191	<b>Recommended Dilutions:</b> IF-P 1:50-1:500 IF/ICC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P10909	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> clusterin	
<b>Immunogen Catalog Number:</b> AG2889	<b>Calculated MW:</b> 449 aa, 53 kDa	
	<b>Observed MW:</b> 37 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, IF-P	<b>Positive Controls:</b> IF-P : human liver tissue, IF/ICC : HeLa cells,
<b>Species Specificity:</b> human	

## Background Information

Clusterin (Apolipoprotein J) is a 75-80 kDa heterodimeric glycoprotein produced by a wide array of tissues and found in most biologic fluids (PMID: 7648419; 11906815). It is encoded by one single gene and cleaved posttranslationally into  $\alpha$  (34-36 kDa) and  $\beta$  (36-39 kDa) subunits prior to secretion from the cell. Many functions have been described for clusterin, including regulating apoptosis, transporting lipids, controlling cell interactions, regulating complement (PMID: 10694874).

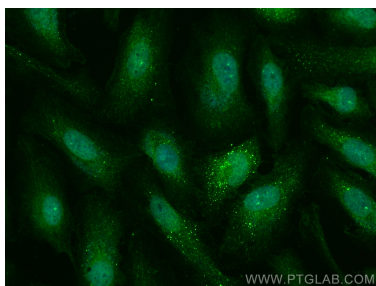
## Storage

**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

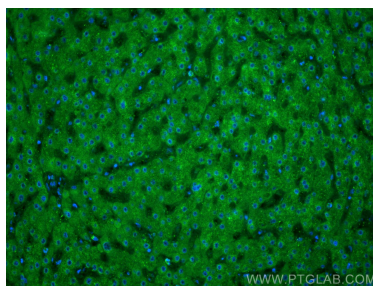
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 Clusterin antibody (CL488-12289) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Coralite® Plus 488 Clusterin antibody (CL488-12289) at dilution of 1:100.