

For Research Use Only

CoraLite®555-conjugated Clusterin Polyclonal antibody

Catalog Number:CL555-12289



Basic Information

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|--|--|---|
| Catalog Number: CL555-12289 | GenBank Accession Number: BC010514 | Purification Method: Antigen affinity purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 1191 | Recommended Dilutions: IF-P 1:50-1:500 IF/ICC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: P10909 | Excitation/Emission maxima wavelengths: 557 nm / 570 nm |
| Isotype: IgG | Full Name: clusterin | |
| Immunogen Catalog Number: AG2889 | Calculated MW: 449 aa, 53 kDa | |
| | Observed MW: 37 kDa | |

Applications

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

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 α (34-36 kDa) and β (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).

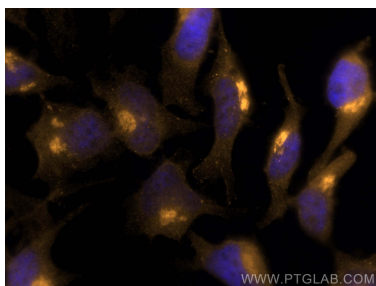
Storage

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)
E: proteintech@ptglab.com
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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 HeLa cells using CoraLite@555 Clusterin antibody (CL555-12289) at dilution of 1:200.