

For Research Use Only

Clusterin Recombinant antibody, PBS Only

Catalog Number: 84067-4-PBS



Basic Information

Catalog Number:

84067-4-PBS

Size:

2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC010514

GeneID (NCBI):

1191

UNIPROT ID:

P10909

Full Name:

clusterin

Calculated MW:

449 aa, 53 kDa

Observed MW:

37 kDa

Purification Method:

Protein A purification

CloneNo.:

241277D4

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

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 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 -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

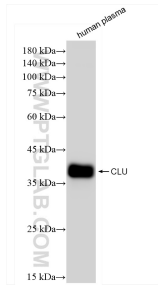
T: 4006900926

E: Proteintech-CN@ptglab.com

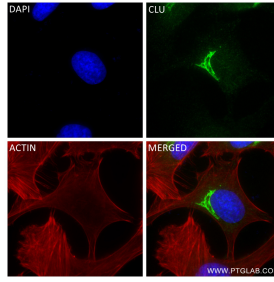
W: ptgcn.com

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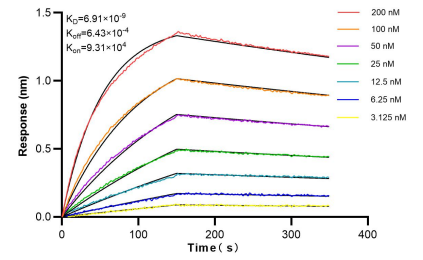
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 84067-4-RR (Clusterin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84067-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Clusterin antibody (84067-4-RR, Clone: 241277D4) at dilution of 1:500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 84067-4-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 84067-4-RR against Human Clusterin were performed. The affinity constant is 6.91 nM.