For Research Use Only

Clusterin Recombinant monoclonal antibody

Catalog Number:88439-1-RR

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Basic Information

Catalog Number:
88439-1-RR

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9471

GenBank Accession Number:
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GeneID (NCBI):
24854

UNIPROT ID:
P05371

Full Name:
clusterin

Calculated MW:
51 kDa

Observed MW:
35-40 kDa

Purification Method:
Protein A purification

CloneNo.:
261054H7

Recommended Dilutions:
WB: 1:2000-1:10000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
mouse, rat

Positive Controls:

WB : rat brain tissue, mouse brain tissue, rat pancreas tissue, rat liver tissue, rat lung tissue, rat heart tissue, rat plasma

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

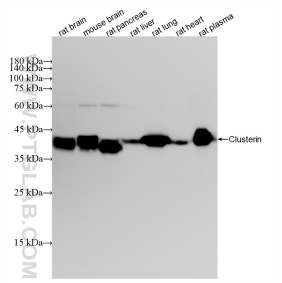
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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



Various lysates were subjected to SDS PAGE followed by western blot with 88439-1-RR (Clusterin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.