



Clusterin (PTR1351) Mouse mAb

Catalog No	YP-mAb-18667
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CLU
Immunogen	Synthesized peptide derived from human protein.AA range:350-449
Specificity	This antibody detects endogenous levels of Clusterin.
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	
Purification	Protein G
Dilution	WB 1:500-2000; IF 1:100-500; ELISA 1:1000-5000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CLU;Clusterin;APOJ;CLI;KUB1;AAG4;Aging-associated gene 4 protein; Apolipoprotein J;Apo-J;Complement cytolysis inhibitor;Complement-associated protein SP-40;40;Ku70-binding protein 1;NA1/NA2;Testosterone-repressed prostate m
Observed Band	68kD
Calculated Molecular Weight	68kD
Cell Pathway	
Tissue Specificity	Detected in blood plasma, cerebrospinal fluid, milk, seminal plasma and colon mucosa. Detected in the germinal center of colon lymphoid nodules and in colon parasympathetic ganglia of the Auerbach plexus (at protein level). Ubiquitous. Detected in brain, testis, ovary, liver and pancreas, and at lower levels in kidney, heart, spleen and lung.
Function	Function:Not yet clear. It is known to be expressed in a variety of tissues and it seems to be able to bind to cells, membranes and hydrophobic proteins. It has been associated with programmed cell death (apoptosis).,similarity:Belongs to the clusterin family.,subunit:Antiparallel disulfide-linked heterodimer. Interacts with APOA1, CLUAP1 AND PON1.,



Background

The protein encoded by this gene is a secreted chaperone that can under some stress conditions also be found in the cell cytosol. It has been suggested to be involved in several basic biological events such as cell death, tumor progression, and neurodegenerative disorders. Alternate splicing results in both coding and non-coding variants.[provided by RefSeq, May 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

