

Mouse Clusterin Monoclonal Antibody | anti-Clu antibody

Mouse Anti Human Clusterin

CATALOG # AAA37946	HOST Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Clusterin; Monoclonal Antibody; Mouse Anti Human Clusterin; Clusterin Antibody; Mouse Anti Human; CLI; AAG4; KUB1; SGP2; SGP-2; SP-40; TRPM2; MGC24903; Complement-associated protein SP-40; 40; Complement cytolysis inhibitor; NA1/NA2; Apolipoprotein J; Apo-J; Testosterone-repressed prostate message 2; TRPM-2; anti-Clu antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1 heavy chain and kappa light chain
Clone Number	P1A11AT
Purity/Purification	Clusterin antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Form/Format	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide. Sterile Filtered clear solution.
Sequence Length	447
Applicable Applications for anti-Clu antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Anti-human Clusterin mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human Clusterin amino acids 1-333 purified from E Coli.
Preparation and Storage	For periods up to 1 month store at 4 degree C, for longer periods of time, store at -20 degree C. Prevent freeze thaw cycles. 12 months at -20 degree C. 1 month at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-Clu antibody	Introduction: Clusterin also named Apolipoprotein J (APO-J) is a 75-80 kD disulfide-linked heterodimeric protein containing about 30% of N-linked carbohydrate rich in sialic acid but truncated forms targeted to the nucleus have also been identified. The precursor polypeptide chain is cleaved proteolytically to remove the 22-mer secretory signal peptide and subsequently between residues 227/228 to generate the ? and ? chains. These are assembled in anti-parallel to give a heterodimeric molecule in which the cysteine-rich centers are linked by five disulfide bridges and are flanked by two predicted coiled-coil ? -helices and three predicted amphipathic a-helices. Across a broad range of species clusterin shows a high degree of sequence homology ranging from 70% to 80%. It is nearly ubiquitously expressed in most mammalian tissues and can be found in plasma, milk, urine, cerebrospinal fluid and semen. It is able to bind and form complexes with numerous partners such as immunoglobulins, lipids, heparin, b
Product Categories/Family for anti-Clu antibody	Anti-Human CYTOKINES ; Monoclonal Antibodies ; Anti Human Cytokine

NCBI AND UNIPROT INFORMATION

NCBI GI #	46048420
NCBI GeneID	24854

NCBI Accession #	NP_444180.2
NCBI GenBank Nucleotide #	NM_053021.2
Molecular Weight	51,375 Da
NCBI Official Full Name	clusterin
NCBI Official Synonym Full Names	clusterin
NCBI Official Symbol	Clu
NCBI Official Synonym Symbols	CLI; DAG; APOJ; SGP2; SP40; SGP-2; SP-40; Trpm2; Trpmb; TRPM-2; TRPM2B; RATTRPM2B
NCBI Protein Information	clusterin; dimeric acid glycoprotein; sulfated glycoprotein 2; testosterone repressed prostate message 2; testosterone-repressed prostate message; testostrone-repressed prostate message 2
UniProt Protein Name	Clusterin
UniProt Gene Name	Clu
UniProt Synonym Gene Names	DAG; SGP-2; TRPM-2
UniProt Entry Name	CLUS_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/clusterin-antibody-clone-p1a11at-immunohistochemistry-western-blot-elisa/37946>