

Rabbit anti-Human CLU Monoclonal Antibody | anti-CLU antibody

Anti-CLU [SAIC-43B-8]

CATALOG # AAA72082	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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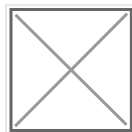
PRODUCT SYNONYMS

CLU; Monoclonal Antibody; Anti-CLU [SAIC-43B-8]; Clusterin; APOJ; CLI; KUB1; AAG4; anti-CLU antibody

PRODUCT SPECIFICATIONS

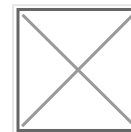
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG, kappa
Clone Number	SAIC-43B-8
Specificity	Recognizes human CLU.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-CLU antibody	WB (Western Blot), ELISA
PMID	25512614
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western Blot using anti-CLU antibody SAIC-43B-8 (AAA72082). HeLa(A) (0.03ug/ml), MCF7(B) (0.01ug/ml) cell lysate and human brain cerebellum(C) (0.03ug/ml), human plasma (D) (0.03ug/ml) and human testes(E) (0.03ug/ml) tissue lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-43B-8 () before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



FCM/FACS (Flow Cytometry)

Flow cytometry using the Anti-CLU antibody SAIC-43B-8 (AAA72082). Paraformaldehyde fixed HeLa cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody or the rabbit IgG version of SAIC-43B-8 (, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.

ADDITIONAL INFORMATION

Related Product Information for anti-CLU antibody	Recombinant monoclonal antibody to CLU. Recombinant Platform with variable regions (i.e. specificity) from the B-cell cDNA library SAIC-43B-8. Peptide "ASSIDELQDR" derived from Clusterin conjugated to KLH. Clusterin isoform 1 functions as extracellular chaperone that prevents aggregation of nonnative proteins
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Product Categories/Family for anti-CLU antibody	immunoMRM
References	Schoenherr et al. Anti-peptide monoclonal antibodies generated for immuno-multiple reaction monitoring-mass spectrometry assays have a high probability of supporting Western blot and ELISA. Mol Cell Proteomics Note on publication: Describes generation a panel of recombinant antibodies using synthetic peptides of human proteins as well as validation using ELISA and multiple reaction monitoring-mass spectrometry.

NCBI AND UNIPROT INFORMATION

NCBI GI #	355594753
NCBI GeneID	1191
NCBI Accession #	NP_001822.3
NCBI GenBank Nucleotide #	NM_001831.3
UniProt Accession #	P10909 ; P11380 ; P11381 ; Q2TU75 ; Q5HYC1 ; Q7Z5B9 ; B2R9Q1 ; B3KSE6 ; AAB25217
Molecular Weight	52,495 Da
NCBI Official Full Name	clusterin preproprotein
NCBI Official Synonym Full Names	clusterin
NCBI Official Symbol	CLU
NCBI Official Synonym Symbols	CLI; AAG4; APOJ; CLU1; CLU2; KUB1; SGP2; APO-J; SGP-2; SP-40; TRPM2; TRPM-2; NA1/NA2
NCBI Protein Information	clusterin; apolipoprotein J; ku70-binding protein 1; sulfated glycoprotein 2; aging-associated protein 4; complement lysis inhibitor; complement cytolysis inhibitor; complement-associated protein SP-40,40; testosterone-repressed prostate message 2
UniProt Protein Name	Clusterin
UniProt Gene Name	CLU
UniProt Synonym Gene Names	APOJ; CLI; KUB1; Apo-J; CLI; TRPM-2
UniProt Entry Name	CLUS_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/clu-antibody-clone-saic-43b-8-western-blot-elisa/72082>