



Mouse Anti-Human Clusterin/Apolipoprotein J monoclonal antibody, clone JID657 (CABT-L2920)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Clusterin/Apolipoprotein J
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID657
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Tonsil, Lymph Node, Placenta, Colon, Kidney, Brain and Liver
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA
Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Clusterin/Apolipoprotein J is normally found in epithelial cells, semen, plasma, breast milk, cerebrospinal fluid, and urine, and is involved in apoptosis and the clearance of cellular debris. It is present in hematopoietic and non-hematopoietic cancers, as well as most systemic anaplastic large cell lymphomas. Anti-Clusterin/Apolipoprotein J in a panel with other antibodies is useful for differentiating systemic anaplastic large cell lymphoma from classical Hodgkin's disease. Anti-Clusterin/Apolipoprotein J also displays high sensitivity and specificity for follicular dendritic cell tumors. Clusterin overexpression is linked to recurrence and poor prognosis in breast cancer, and chemosensitivity and poor survival in cervical cancer.
Keywords	CLU;clusterin;CLI;AAG4;APOJ;CLU1;CLU2;KUB1;SGP2;APO-J

GENE INFORMATION

Gene Name	CLU clusterin [Homo sapiens (human)]
Official Symbol	CLU
Synonyms	CLU; clusterin; CLI; AAG4; APOJ; CLU1; CLU2; KUB1; SGP2; APO-J; SGP-2; SP-40; TRPM2; TRPM-2; NA1/NA2; 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;
Entrez Gene ID	1191
Protein Refseq	NP_001822
UniProt ID	P10909
Chromosome Location	8p21-p12
Pathway	Hemostasis; Platelet activation, signaling and aggregation; Platelet degranulation; Response to elevated platelet cytosolic Ca ²⁺ ; Validated targets of C-MYC transcriptional repression;
Function	NOT ATPase activity; misfolded protein binding; protein binding; ubiquitin protein ligase

binding;
