

30-1290: Anti-Clusterin / Apolipoprotein J Monoclonal Antibody (Clone:Hs-3)

Clonality :	Monoclonal
Clone Name :	Hs-3
Application :	WB, IHC, ICC, ELISA
Reactivity :	Human
Gene :	CLU
Gene ID :	1191
Uniprot ID :	P10909
Format :	Purified
Alternative Name :	CLU,APOJ,CLI,KUB1,AAG4
Isotype :	Mouse IgG1
Immunogen Information :	Freshly ejaculated human sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was dialyzed against 0.2% acetic acid and subsequently used for immunization.

Description

Clusterin (APO J, SGP-2, TRPM-2, SP-40, pADHC-9, CLJ, T64, GP III, XIP8) 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. It is a conserved secreted glycoprotein expressed by a wide range of tissues and being implicated in many physiological processes, including e.g. lipid transportation, complement inhibition, tissue remodeling, membrane recycling, or clearance of cellular debris. It is nearly ubiquitously expressed in most mammalian tissues and can be found in plasma, milk, urine, cerebrospinal fluid and semen. Clusterin is able to bind and form complexes with numerous partners (immunoglobulins, lipids, heparin, bacteria, complement components, paraoxonase, beta amyloid, leptin etc.) and is expressed in many pathological and clinically relevant situations including cancer, organ regeneration, infection, Alzheimer disease, retinitis pigmentosa, myocardial infarction, renal tubular damage, autoimmunity and others. A genuine function of clusterin is still enigmatic.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western Blotting *Recommended dilution:* 1 µg/ml
Positive material: seminal plasma

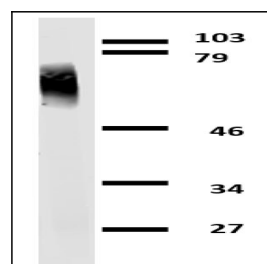


Figure 1: Western blotting analysis of clusterin in human seminal plasma using anti-clusterin (Hs-3) purified.